



POZDRAV PRISUTNIMA

Prof. dr SAŠA MALKOV
prodekan za nastavu

Prof. dr PREDRAG JANIČIĆ
šef Katedre za računarstvo i informatiku

Doc. dr MILENA VUJOŠEVIĆ JANIČIĆ
koordinator za odnose sa priverdom

BROJ PRIJATELJA KATEDRE RASTE (25)

DODATNO, NOVI DOGOVORI SU U TOKU

VIŠE INFORMACIJA:

http://www.racunarstvo.matf.bg.ac.rs/?content=prijatelji_katedre

ODRŽANA SU 4 STRUČNA KURSA –
ZA NAREDNU GODINU SE PLANIRA VEĆI BROJ (6
ili 7)

INFORMATIČKO TAKMIČENJE JE PODRŽALO 10
KOMPANIJA

VELIKI BROJ OGLASA NA STUDENTSKOM
PORTALU:

<http://oglasimatf.bg.ac.rs/>

12 GOSTUJUĆIH PREDAVANJA U OKVIRU
KURSEVA

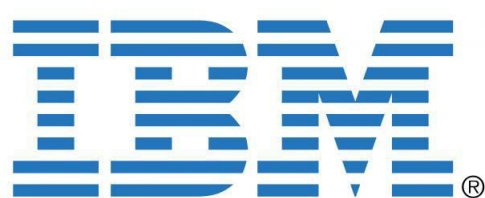
VELIKI BROJ INTERESANTNIH PREDAVANJA U
OKVIRU SEMINARA KATEDRE ZA
RAČUNARSTVO

OSTVARENI SU I DRUGI VIDOVI SARADNJE:

- SPONZORSTVA ZA UČEŠĆE NA KONFERENCIJAMA
- SARADNJA SA RAZLIČITIM ZAJEDNICAMA I INSTITUCIJAMA (REGISTAR NACIONALNOG INTERNET DOMENA SRBIJE, JS SRBIJE, JS BELGRADE, WIKIPEDIA, MOZZILA ZAJEDNICA...)

<https://www.facebook.com/MatfInformatika>

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Microsoft Development Center Serbia - MDCS

May 2016

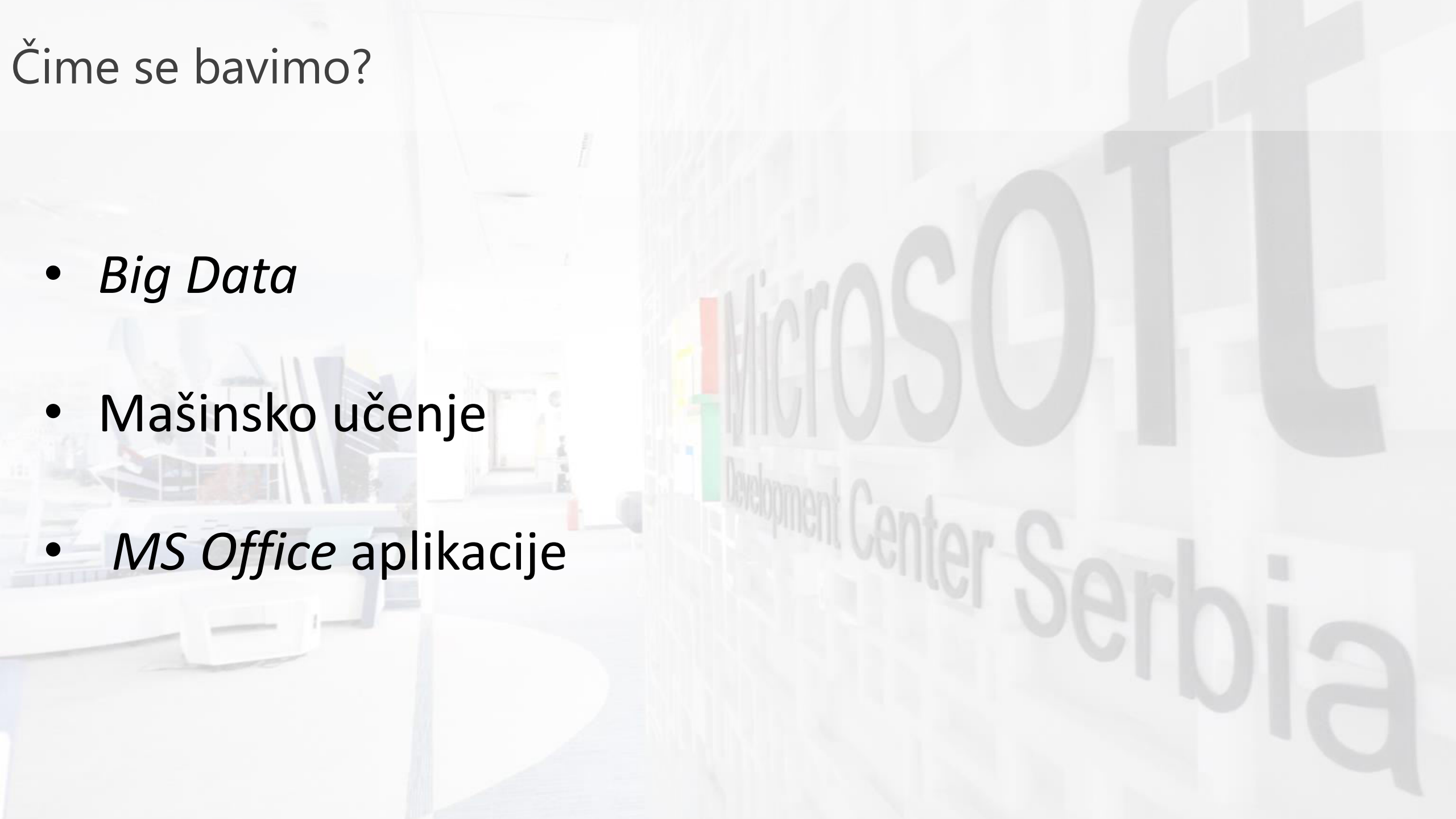


Redmond

MDCS

Japan

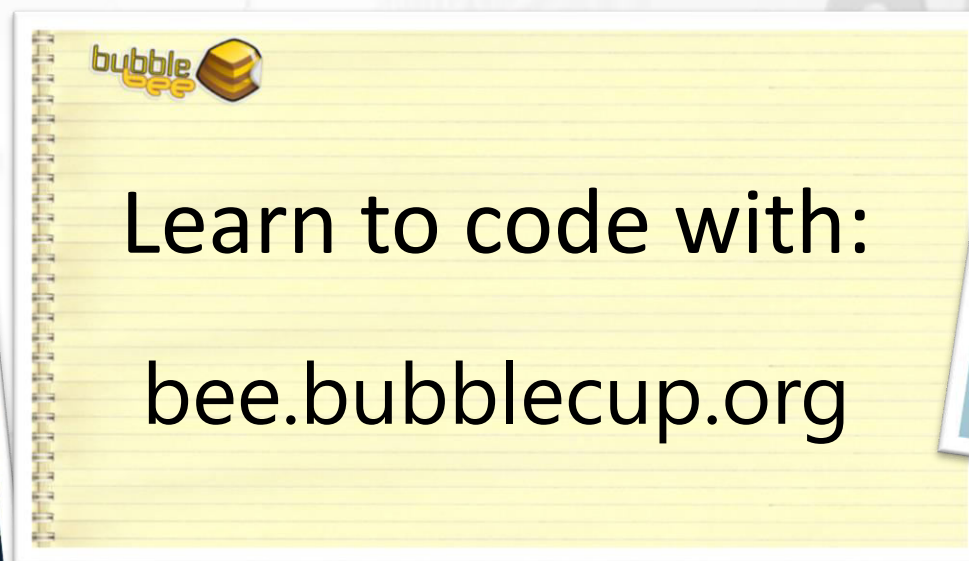
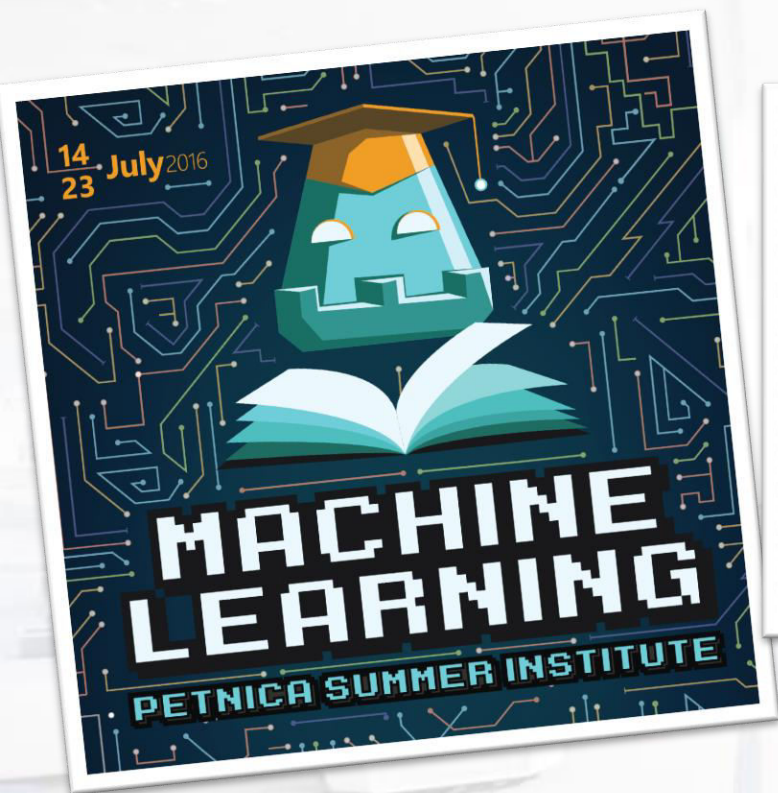
Israel



Čime se bavimo?

- *Big Data*
- Mašinsko učenje
- *MS Office* aplikacije

Initiatives





www.microsoft.com/serbia/mdcs

Microsoft Development Center Serbia



RT - RK
COMPUTER BASED SYSTEMS

**RT-RK Institute for Computer Based
Systems**

**Narodnog fronta 23a
21000 Novi Sad**

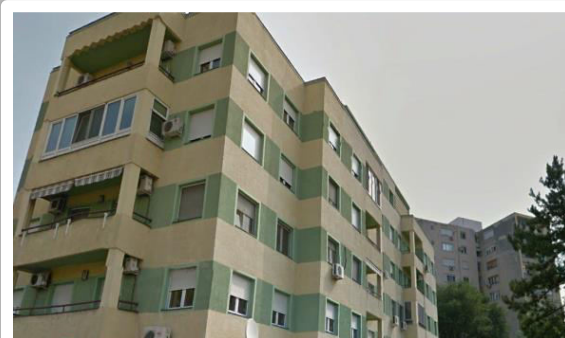
Bulevar Milutina Milankovića 19b

11000 Beograd

www.rt-rk.com

jobs@rt-rk.com

- Domaća privatna IT kompanija, posluje od 1991.
- Prva IT kompanija nastala uz podršku Novosadskog univerziteta
- Osnovna delatnost: razvoj softvera i hardvera za uređaje zasnovane na računaru (*embedded computer based systems*)
- Poslovanje pretežno na stranom tržištu
- Danas zapošljava preko 600 ljudi
- Od 2010. godine posluje kao istraživačko-razvojni institut



Novi Sad - 562



Beograd - 125

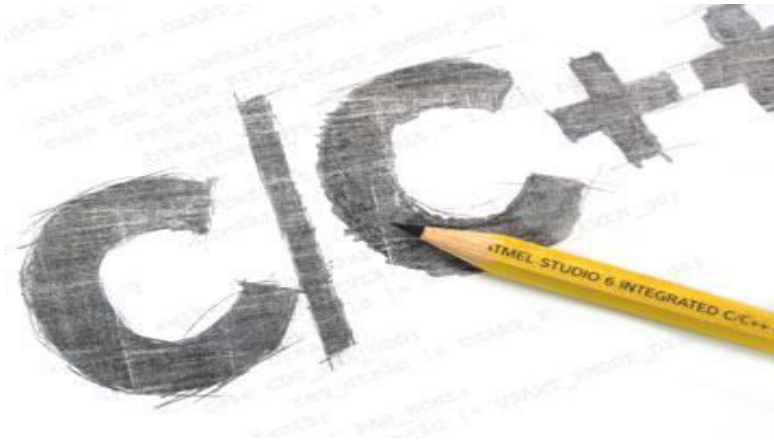


Banja Luka - 76



Osijek - 55

- RT-RK gradi mrežu regionalnih centara, sa osnovnim ciljem da gradi lokalne visokotehnološke centre
- Saradnja sa fakultetima u Novom Sadu, Beogradu, Banjaluci, Osijeku
- Pozitivna iskustva i model saradnje između univerziteta i industrije



Razvoj hardvera i digitalni dizajn

Sistemi softver i alati

Digitalni signalni procesori

Softver u digitalnoj televiziji

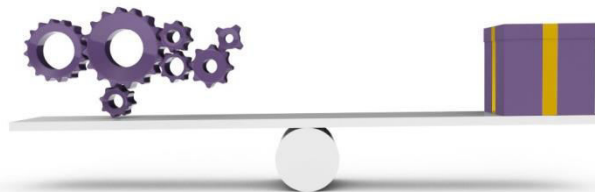
Test sistemi

Softver za automobilsku industriju

Sistemi za automatizaciju u kući

- Dva poslovna modela

- Servisi



Embedded
softver



TV
softver



Digitalni
signalni
procesori



Razvoj
proizvoda



Proizvodnja u
malim serijama



Sofver u
automobilskim i
industrijskim
primenama

- Prozvodi



Sistemi za
testiranje



Automatizacija
u kući



Proizvodnja
digitalnih prijemnika
(Set-Top Box)



TV softver

Kako započeti karijeru u RT-RK?



- Stručni profil studenata računarstva se veoma lako uklapa u poslove RT-RK
- RT-RK studentima završnih godina računarstva i informatike nudi mogućnost izrade **diplomskog**, odnosno **istraživačkog rada**
- Benefiti:
 - Radno mesto u prostorijama RT-RK
 - Inženjer mentor
 - Stipendija
 - Merna oprema, softverski alati, repromaterijal (za izradu hardvera), logistika za nabavku i izradu hadvera
 - Mogućnost pohađanja interno organizovanih stručnih kurseva
 - Korišćenje povlastica zaposlenih u RT-RK (sportske, zabavne i kulturne aktivnosti)
- *Potencijalna pitanja i prijavu za stipendiju/posao možete poslati na adresu: jobs@rt-rk.com*
- *Proces selekcije podrazumeva: HR i tehnički intervju*



SevenBridges

Bioinformatics Analyses that Scale to Petabytes

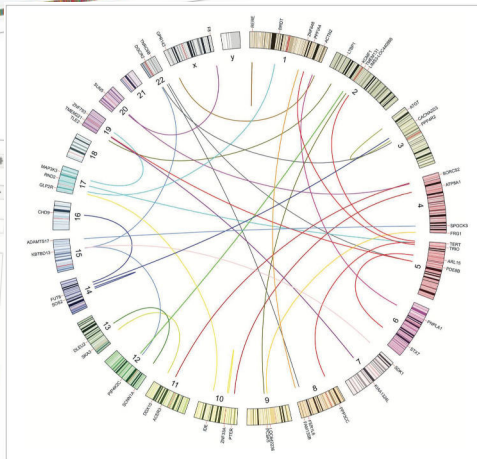
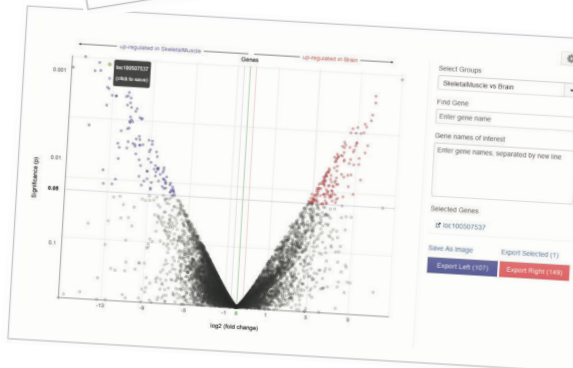
Goran Rakocevic, PhD
goran.rakocevic@sbgenomics.com



SevenBridges

www.sevenbridges.com

Bioinformatics Analyses...



Filters									
Amplifiers that failed QC: 25									
Keep DNAs that fit ALL of the following filters									
Keep Indels that fit ANY of the following filters									
Exclude variants in primer r...									
Summary									
Variant Table									
Chr	Position	REF	ALT	DBSNP	COBIC	QUAL	Gene Name	Effect	
18	48003168	T	C			2837.92	SMAD4		
9	80408345	A	G	rs1328529		2751.92	GNAQ		
11	108170618	T	C			2747.92	ATM		
11	108138126	T	C			2712.92	ATM AP001925.1		
4	55152184	T	G			2654.92	FIP1L1 PDGFRA		
4	55948008	A	G			2648.92	KDR RP11-53017.1		
11	108123683	T	C			2643.92	ATM		
2	212289100	T	C			2621.92	ERBB4		
13	28602464	T	C			2583.92	FLT3		
2	212578900	T	C			2526.92	ERBB4		
9	80408335	A	G			2518.92	GNAQ		
5	170837613	CT	C	rs34323200		2510.88	NPM1		
7	55233203	T	C			2407.92	EGFR		
18	48086416	T	C			2389.92	SMAD4 RP11-729.2.2		

$$P_s(u|x,z) = \frac{p(z|x,u)}{\sum_v p(z|x,v)}$$

$$Q_s(u|x,z) = -10 \log_{10}(1 - P_s(u|x,z))$$

$$a_{nk} = c'_{nk} \prod_i e_i$$

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SevenBridges

www.sevenbridges.com

... that Scale to Petabytes

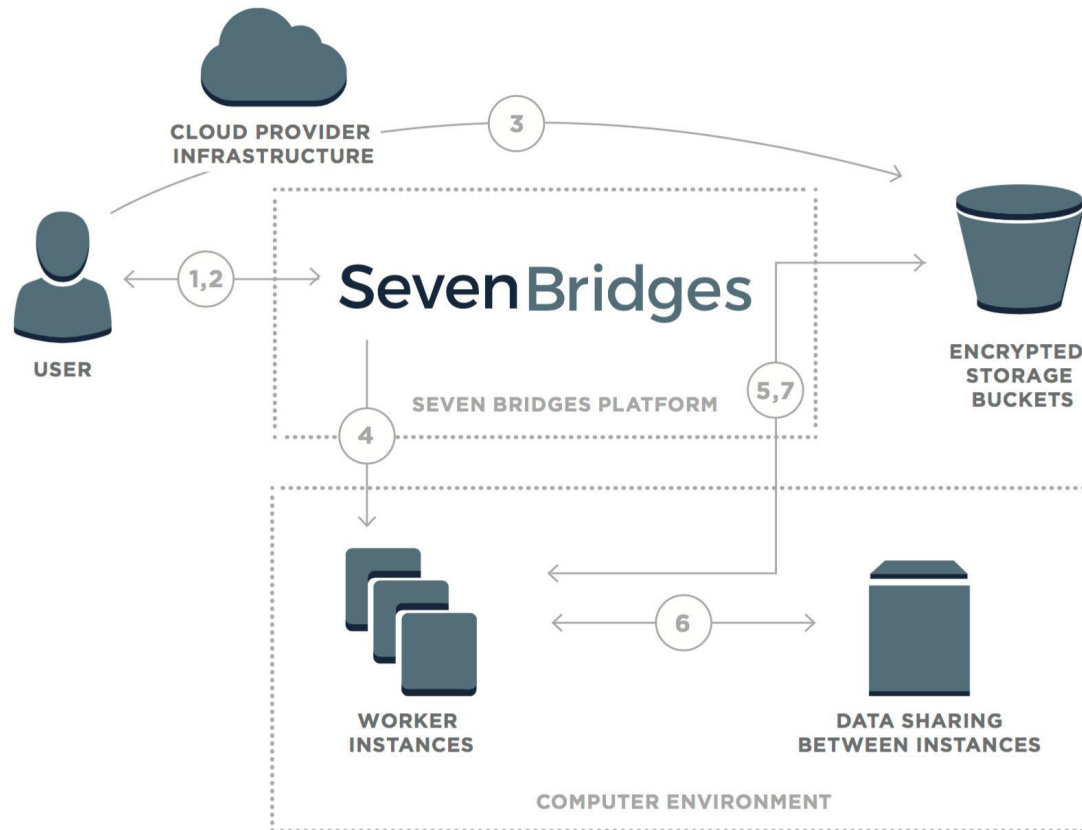


Figure 1 - Overview of data flow on the Seven Bridges Platform

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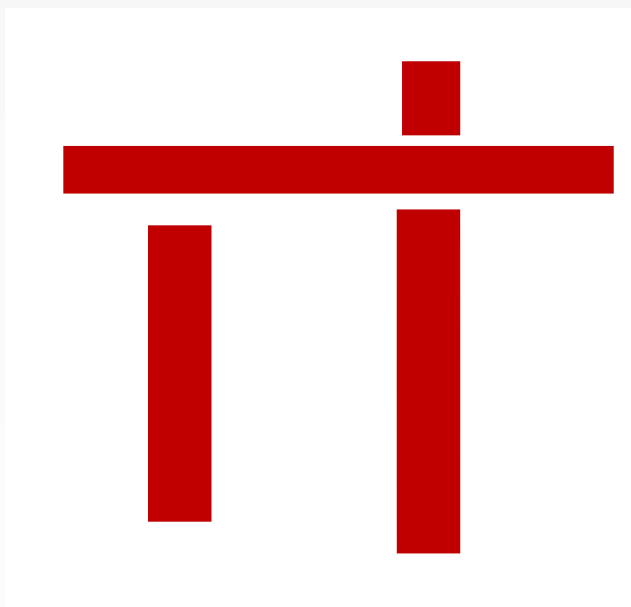
SevenBridges

Thank you!

Goran Rakocevic, PhD
goran.rakocevic@sbgenomics.com



Company Presentation



Software development company based in Belgrade (Serbia), founded in 2010.

Clients in European Union, United States of America and Canada.

Highly educated, multidisciplinary staff of 17 people with average experience of over 6 years in IT, with the management of 15 years of corporate experience abroad.

Contact

Sava Živanović – Founder and CEO

Mobile: +381 61 222 04 02

Email: sava.zivanovic@tp.rs

Address: Vuka Karadžića 7, 11000 Belgrade, Serbia

Telephone: +381 11 328 14 49

Registers Agency: BD90965/2010

Company Number: 20670886

Company PIB: 106737211



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20
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YEARS

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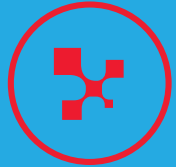
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employees

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partnerships

1000+

Software
engineers

10

Development
campuses

900+

Loyal
customers

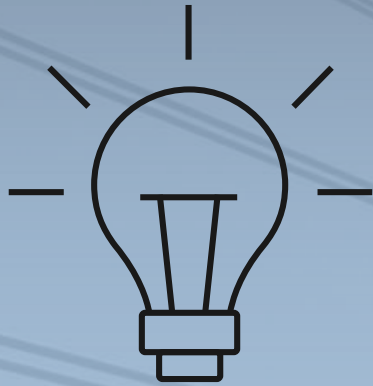
03

Technology
centers

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ACTIVITIES

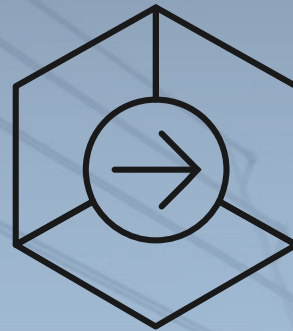
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Solutions

INTERNATIONAL

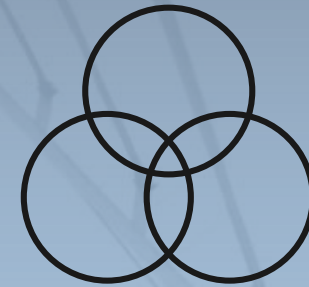
**R&D, SW engineering,
sale of our own IT
products**



Distribution

REGIONAL

**IT (HW, SW)
Consumer
electronics Service**



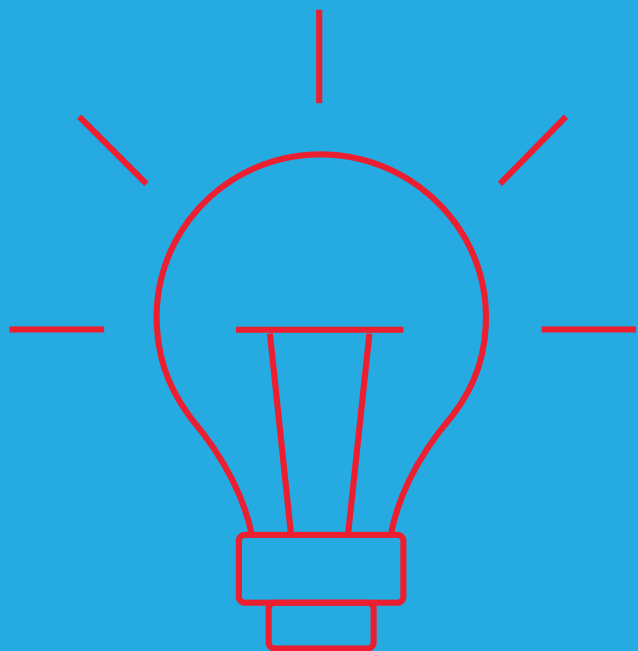
System integration

ADRIATIC

**IT Solutions
and
Services**



Edit16 – Dobrodošli!



// **Beograd** **18.-29.07.2016.** /
// Kragujevac 18.-29.07.2016. /

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- » Tehnologije: Java, ASP.NET, Android, C, C++
- » Razvojno okruženje: Visual Studio 2015, Android studio
- » **Krajnji rok za podnošenje prijava je 04.07.2016**

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*Branding Coordinator @ Devana
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Sergej Grivcov

Software Engineer @ Devana Technologies

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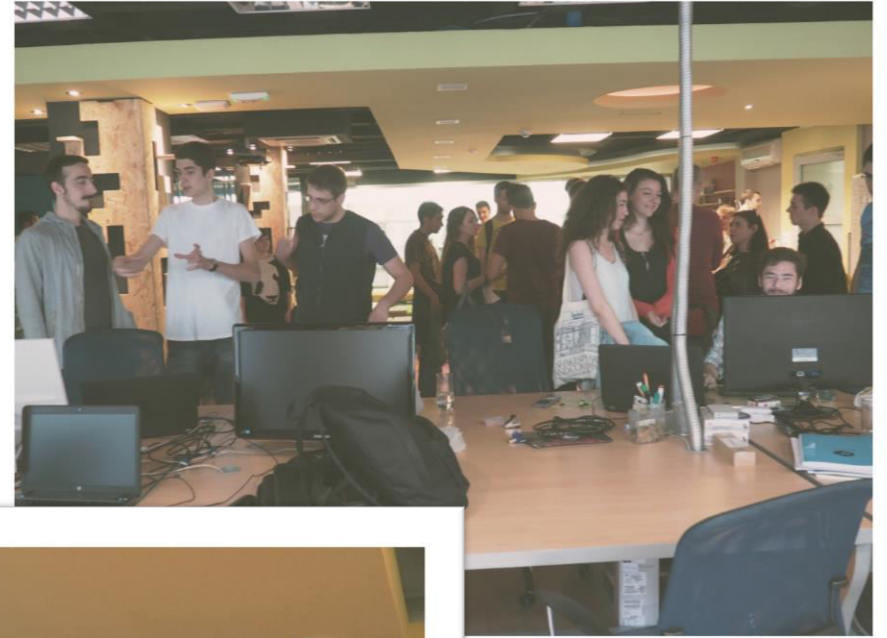
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www.devana.rs/blog

sergei.grivcov@devana.rs



Labs Open Day



2. Jun 2016.



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[LABS]

Devana karijera

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Sve je stvar poverenja... Izbor je tada lak!



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Izabrali smo da radimo u otvorenoj atmosferi u kojoj gradimo međusobno poverenje i poštovanje. Podjednako cenimo naš posao, naše uspehe i ljude koji ih stvaraju.



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d.o.o. Vam nudi:



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3. Vrhunske uslove za rad
4. Rad sa modernim tehnologijama i alatima



Ukoliko želite da radite u otvorenoj atmosferi u kojoj se gradi međusobno poverenje i poštovanje, konstantno napredujete i budete najbolji u svom poslu, molimo Vas pošaljite Vaš CV i motivaciono pismo na e-mail:

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Endava

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OUR CORE PURPOSE

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We **EXIST** to **CREATE** an **ENVIRONMENT** and a **CULTURE** that **BREEDS SUCCESS** by:

Caring for
Our Customers
as
Individuals

Enabling Our
People to be
The Best that
they can be

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We are confident in our abilities, our approach and our people so we have nothing to hide from our customers

Adaptable

We embrace change and value differences enabling us to be successful in complex environments

Thoughtful

We care deeply about the success of our people, our customers and their organisations, and the countries in which we operate



"Leaders don't create followers, they create more leaders"

Tom Peters

Endava clients



We have close and trusted customer relationships with some of the world's leading brands. Many of our customers engage us as a high quality, highly productive, able to tackle their more complex mission critical platforms, resulting in long term relationships and fast revenue growth. No customer accounts for more than 20% of our revenue.





EY

Building a better
working world

Who we are?

- ▶ We are 212.000 people company, based in over 728 offices in 150 countries, organized into 28 regions and 4 areas
- ▶ Service lines: Assurance, Advisory, Tax, Transaction Advisory Services (TAS) and Core Business Services (CBS)
- ▶ EY Serbia office is located in:
Španskih boraca 3,
11070 Belgrade
- ▶ 178 employees
- ▶ 10,2 milion USD annual revenue



-



EY

Building a better working world



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- An Optima Group Company
- A technology risk and information security company
- More research-development departments in Serbia
- Presence on the USA, Russia, Europe, Middle East, Africa, ...

EXPERTISE

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(Network, Applications, Social Engineering)
- ✓ Information security & Technology risk
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- ✓ Software & Web Applications Development

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- ✓ Application-based Penetration Testing
(Desktop, Web, Mobile, Database, Source Code Review)
- ✓ Social Engineering-based Penetration Testing
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Kakve igre pravimo?

- Hidden object puzzle adventure
- Point and click
- Hack and slash
- F2P



Kako da postanem deo Mad Head Games tima?

Posao

- HOPA programmer
- MHG Programmer (point and click, hack and slash, f2p)
- Technology programmer

Mogućnost sprovođenja individualne programerske prakse



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Who we are?

1. Software development company established 2009 in Serbia
2. Regional leader in Scrum and Agile education

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For large Clients	In-house	Certified Courses	Extended Trainings
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**TEHNICOM
SOLUTIONS**

- Započeli sa radom 2007. godine
- Sistem sa preko 60 zaposlenih

USLUGE

Web development
Desktop development
System Administration

Mobile development
Quality assurance
Tehnička podrška

- Naš rad je višestruko nagrađivan

PLATFORME

Web, Android, iOS, Windows Phone

PROGRAMSKI JEZICI

JavaScript, PHP, C#, Ruby, Java, Objective C



**TEHNICOM
SOLUTIONS**

- Za poslednjih 12 meseci sa 20 na 60 zaposlenih
- Preko 95% prihoda za klijente iz inostranstva

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Politika
Večernje Novosti
Nelt
Delta DMS
Nectar
NIS
Mozzart Bet
Voda Vrnjci
Neoplanta

UniCredit Bank
Hypobanka
Societe General Bank
Eurobank EFG
Apatinska Pivara
FK Crvena Zvezda
MPC grupa
Gorenje



Tnation Akademija

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KURSEVI NAJPOPULARNIJIH PROGRAMSKIH JEZIKA I ALATA

- PHP
- JavaScript
- Android

Najboljim polaznicima garantujemo posao po
završetku posla.

JavaScript kurs je besplatan.



Solve Big Problems. Have Big Fun.

About Vast.com

Vast is a big-data-as-service platform that provides consumer experiences — powered by data and analytics — for big purchases in automotive and real estate.

- Premier provider of big data solutions for many of the Global 1000's largest automotive and real estate businesses.
- Founded in 2005, HQ Austin, TX
- Offices in Austin, Belgrade and Kiev
- Belgrade development center has 150 employees



Development center - Belgrade

We are hiring for junior roles and offering 3 months paid internship!

Data Engineering team - Developing platform for Large-Scale Data Processing, conducting analysis of vast amounts of user-generated data and Vertical Search. Technologies: **Java, Scala**

Front End team - Developing, maintaining and optimizing Node.js- based applications. Technologies: **JavaScript, NodeJS**

Mobile team - Developing mobile applications that use big data and complex analysis. Technologies: **Android, iOS**



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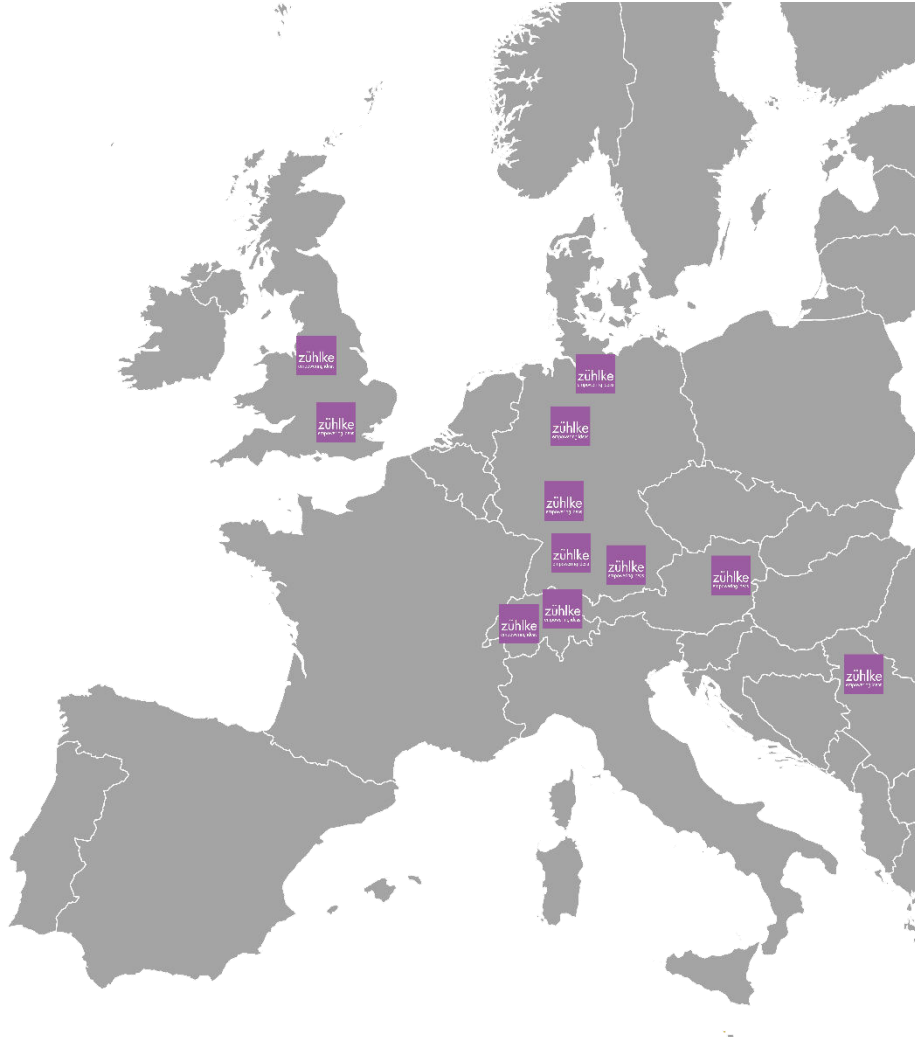


Zühlke: empowering ideas



About Zühlke

Facts and figures



- Founded in Switzerland in 1968 by Gerhard Zühlke
- Teams in Germany, United Kingdom, Austria, Serbia and Switzerland
- Provide complete solutions (hardware and software)
- Working on projects in various areas: medical equipment, insurance, energy providers, transport & mobility, bank & financial services, telecom, etc.

Mission



Empowering ideas – that is our mission. We enable our clients to achieve business innovation, from first idea to success in their markets.

Zühlke Serbia

- Founded in October 2013
- Currently 40+ engineers
- 70% under 30 year of age
- Invest in profession development
- Flexible working hours + Flexitime budget
- Paid internship program with clear career path and defined personal goals



