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EDUCATION

Faculty of Mechanical Engineering, University of Belgrade, Serbia PhD Thesis: Dynamical analysis of singular time–delay control systems	<i>2010-2013</i>
Faculty of Mechanical Engineering, University of Belgrade, Serbia MSc Thesis: Robust Control, H-infinity Control Design	<i>2003-2010</i>
Faculty of Mechanical Engineering, University of Belgrade, Serbia B.S. in Control Systems Engineering	<i>June 2003</i>
La Farnesina, grammar school, Rome, Italy	<i>1994</i>

EXPERIENCE

ITA - ICE Italian Trade Agency <i>Trade Analyst</i>	September 2005 - Present <i>Belgrade, Serbia</i>
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- Consulting services for italian companies, business and market analysis, sector analysis (industry, energy, ICT etc)
- Organization and management of several dozens business related events, seminars, workshops
- Office representative for Montenegro (2005 - 2009)
- Developed specialized software applications for office use
- Built lasting relationships with regular and big clients
- Increased efficiency indicators of the office every year
- Development of in-house software solutions

Vinca Institute of Nuclear Sciences <i>Research Scientist</i>	September 2003 - August 2005 <i>Belgrade, Serbia</i>
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- Worked on energy efficiency projects, data acquisition and data processing, developing efficient models (combustion, fluidized bed)
- Yielded and presented new results in the field of discrete time delayed control systems

Cubo Control <i>Owner & CEO</i>	2011 - 2017 <i>Home Automation Company</i>
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- Home Automation and development engineering studio
- Energy and home automation consulting
- KNX and smartbus systems, software development

Freelance Work <i>Programming, web development, various</i>	1995 - current <i>Belgrade, remote</i>
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- Built over 15 web sites and web apps for companies, professionals, a national museum etc
- Numerous projects in data processing (acquisition, processing, visualization, reporting)
- Built a sport social network
- Dozens of data mining projects, ETL, exploratory data analysis
- Visualization projects (excel, d3.js, Plotly, Matplotlib, Tableau)
- Published articles in leading newspapers (Politika), magazines (PC Press) and others

- Authored and published online a comprehensive home automation manual
- Co-authored a national monograph on the stability of control systems
- Co-authored a dozen scientific papers in the field of control systems stability (full list available upon request)

Selected references

DataViz, web development, various

1995 - current

Belgrade, remote

- Serbian Trade Data Visualization (plotly, dash, python, heroku, json): <http://serbian-trade.herokuapp.com>
- Custom image processing and gallery webapp (flask, python imaging, nginx, VPS): www.vasilisabeno.se
- Custom image processing, upload and webapp (node.js, express.js, cloudinary, nginx): www.slasistem.rs/english

TECHNICAL AND SCIENTIFIC SKILLSET

Math	Advanced Linear Algebra, Applied Statistics, Systems Theory etc
Computer Languages	Python, Javascript, Html, CSS, R, node.js
Fullstack Web Dev	Python and Node.js, Vue, Svelte, Express
Databases	MySQL, PostgreSQL, Sqlite, MongoDB, Firebase
Tools	Git, github, VPS & heroku deployment, Nginx setup, Apache
Data Science and Analysis	Python and R stacks
Visualization	D3, Tableau, PowerBI, various python and JS solutions
Machine Learning	Scikit-Learn, Neural Networks, Keras
What does it mean?	Identify challenge → analyze → report → solution
Frameworks and Buzzwords	Django, Flask, Express, Vue, D3, json, mongodb, Svelte, Quasar...

SPOKEN LANGUAGES

Serbian	mother tongue
Italian	mother tongue
English	proficient, IELTS test (march 2018) certificate available upon request

SOFT SKILLS

Extremely adaptable	Able to learn fast, on the fly
Team player	Used to being part and/or managing international teams
Constantly updating skillset	When I like something I write a review.

IMPORTANT

Willing to relocate
 Looking for a fullstack / data science position
 Able to adapt quickly