

Nikola Madjarevic

Basic info

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LinkedIn: <https://www.linkedin.com/in/madjarevicnikola/>

Upwork: <https://www.upwork.com/o/profiles/users/~01b71e45771d0539f8/>

Github: <https://www.github.com/madjarevicn>

Codementor: <https://www.codementor.io/nikolamadjarevic>

Birth date: 8th October, 1996.

Education

Faculty of Computing (Racunarski fakultet)

Expected graduation: June 2019.

- B.A. Candidate, Computer Science and Mathematics
- GPA: **8.20 out of 10.00**
- Coursework: Algorithms, Data Structures, Object-oriented programming, Algebra, Discrete Mathematics, Linear algebra, Artificial Intelligence, Machine learning, Information management, Software Design, Computer networks, Cryptography, Compilers, Real-time systems, Script languages, Computer graphics, Web programming, OS, Cyber security, etc.

Mathematical High School (Matematička gimnazija u Beogradu)

- School designed for gifted and talented students in mathematics, physics and informatics, and ranked number one at International Science Olympiads by the number of medals won
- Specialized syllabus covering most of first year university mathematics and other natural sciences
- Scored **240 out of 240** points on entrance test (top 3% of approximate 240 applicants)

Work experience

Blockchain engineer @ **Decenter**

February 2018 – present, Belgrade, Serbia

- Working on various blockchain, ethereum projects and decentralized applications using bleeding edge technologies.
- Ethereum, Solidity, Truffle, React, web3, Go
- www.decenter.com

Software engineer @ **Support & Resist**

Remote, when needed. December 2017. – present

- Building and backtesting quant algorithms (MQ4, MQ5) (www.quantconnect.com)
- We automate and optimize trading strategies of all kinds for stocks, futures, forex, options and CFDs
- www.supportandresist.com

Ninja @ **WhiteCitySoft**

October 2017 – February 2018, Belgrade, Serbia

- Backend developer (Responsible for server-side application logic) & DevOps
- IOS developer (Collaborated with cross-functional teams to design, define, and ship new features)
- www.whitecitysoft.com

Software engineer, Data Analyst @ **Vyasa Analytics**

June 2017 – September 2017, San Francisco, US

- *Vyasa Analytics* provides services and solutions related to novel deep-learning approaches in the life sciences and healthcare sectors
- Worked in Dark data Analysis team (Deep learning, Data mining). Mined and analyzed petabytes of data stored on Amazon s3 using novel deep learning approaches.
- www.vyasa.com

Backend developer Intern @ **NetCast**

March 2017 – May 2017, Belgrade, Serbia

- Developed microservice for tracking logs on server.
- www.netcast.rs

Software Engineer Intern @ **Racunarski fakultet**

June 2016 – September 2016, Belgrade, Serbia

- Database scaling
- www.raf.edu.rs

Activities and skills

Computer skills:

- Languages: C, C++, C#, Ruby, JavaScript, Python, Swift, Java, PHP, Go
- Frameworks: Laravel, Phalcon, Slim, Spring, Scrapy, Flask, Revel, Gin, Gorilla, React, Vue.js
- Other: Mongo, Cassandra, Redis, InfluxDB, MySQL, Lua, Nginx, Grafana, Heroku, AWS, Ubuntu
- Blockchain technologies: Ethereum, IPFS, web3, Truffle, Solidity, Plasma
- Design patterns: Dependency Injection, Command, Bridge, Singleton, State, etc.
- Architectural patterns: Inversion of Control, MVC (model-view-controller), Front Controller, Action-Domain-Responder(ADR)
- Certificates:
 - o **Oracle academy:** "Database design and programming with SQL" May 2014.
 - o **Cambridge certification authority (CCA) - :** "Swift Level 1" & "Swift Level 2" September 2017.

Other:

- SAT Mathematics Level 2 Test - scored 100% October 2014.
- SAT General Test – scored 1950/2400 pts October 2014.