Nikola Madjarevic

Basic info

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Upwork: https://www.upwork.com/o/profiles/users/_~01b71e45771d0539f8/
Github: https://www.github.com/madjarevicn
Birth date: 8th October, 1996.

Education

Faculty of Computing (Racunarski fakultet)   *Expected graduation: June 2019.*
- B.A. Candidate, Computer Science and Mathematics
- GPA: **8.50 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, etc.

Mathematical High School (Matematicka 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.
- Main responsibilities: DevOPS & Solidity
- 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)
- 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 Science Intern @ **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 s3 using novel deep learning approaches
- www.vyasa.com

*Backend developer Intern @ **NetCast***   *March 2017 – May 2017, Belgrade, Serbia*
- Developed microservice for tracking logs. Project was big-data oriented.
- www.netcast.rs

*Software Engineer Intern @ **Racunarski fakultet***   *June 2016 – September 2016, Belgrade, Serbia*
- Participated in development at some advanced projects owned by my college.
- I've been charged to implement small service for various mathematical calculation purposes.
- 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
- Other: Mongo, Cassandra, Redis, InfluxDB, MySQL, Lua, Nginx, Grafana, Heroku, AWS
- DApps technologies: Ethereum, IPFS, web3, Truffle, Solidity, Plasma
- Design patterns: Dependency Injection, Command, Bridge, Singleton, State
- Architectural patterns: Inversion of Control, MVC (model-view-controller), Front Controller, Action-Domain-Responder(ADR)
- Certificates:
  - **Oracle academy:** *"Database design and programming with SQL"*   *May 2014.*
  - **Cambridge certification authority (CCA) :** *"Swift Level 1" & "Swift Level 2"*   *September 2017.*

Other:
- *SAT Mathematics Level 2 Test - scored 95%*   *October 2014.*
- *SAT General Test – scored 1850/2400 pts*   *October 2014.*