Nikola Madjarevic

Basic info

Address(permanent): Petra Martinovica 31, Belgrade, Serbia
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LinkedIn: https://www.linkedin.com/in/madjarevicnikola/
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

*Software engineer @ **Decenter***   *February 2018 – present, Belgrade, Serbia*
- Working on various blockchain, ethereum projects and decentralized applications using bleeding edge technologies.
- Responsible for writing Smart Contracts and DevOps
- www.decenter.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, R, Python, Swift, Java, PHP, Go
- Frameworks: Laravel, Phalcon, Slim, Spring, Scrapy, Flask, Revel, Gin, Gorilla
- Other: Mongo, Cassandra, Redis, InfluxDB, MySQL, Lua, Nginx, Grafana
- DApps technologies: Ethereum, IPFS, WebRTC, Truffle, Solidity
- 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 2015.*
  - ***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.*

Languages:
- Serbian (native)
- English (fluent)