Sanel **Selmanovic**

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EXPERIENCE:

Synechron | New York, NY   **June 2016 – January 2017**
IT Consultant
- Utilized Murex MX3 software in relation to derivatives, fixed income, F/X, and interest rates;
- Navigated Trade Management utilizing MX3 and Murex Systems End of day procedure;
- Acquired knowledge of MX Reporting, Market Data, Interfaces, Workflows, and SDA Integration

Levi9 IT Services | Novi Sad, Serbia   **August 2014 – November 2015**
Software Developer
- Worked in the Novi Sad office of Dutch IT services company Levi9; performed relevant coding, code commenting, debugging, bug fixing, code testing and unit-testing
- Coded in Java in order to automate test cases with Selenium WebDriver and the ISON framework
- Utilized Agile, Scrum development methodology
- Created and executed automated software test plans, cases, and scripts; debugged and refactored regression tests on multiple platforms and browsers for continuous integration

Masters Soft | Tutin, Serbia   **April 2011 – July 2014**
CEO & Web Developer
- Designed, developed, deployed and maintained websites; coded custom responsive websites from PSD templates using HTML, CSS, JavaScript, jQuery and Bootstrap; used SEO best practices

Technical High School | Tutin, Serbia   **January 2012 – June 2013**
Computer Science Professor - Java programming and Web development;

SKILLS:

Ruby	Rails	React	Redux	jQuery	JavaScript	HTML	CSS
Java	JSP	Servlet	SQL	Selenium	TDD	Bootstrap	SEO

CERTIFICATIONS:

Oracle Certified Associate (OCA), Java SE 7 Programmer, *Oracle*, New York, NY   **September 2016**
Java Web Developer, *Aleph ICT and Faculty of Technical Sciences*, Novi Sad, Serbia   **June 2015**

EDUCATION:

Full-Stack Software Developer, App Academy, New York, NY   **May 2017**
- 1000+ hour software engineering bootcamp with < 3% acceptance rate

Master of Science in Computer Science   **March 2016**
University of Novi Sad*, Faculty of Technical Sciences*, Novi Sad, Serbia

Bachelor of Science with Honors in Electrical and Computer Engineering   **March 2011**
University of Novi Sad, *Faculty of Technical Sciences*, Novi Sad, Serbia

PROJECTS:

Travelgram - Ruby on Rails, PostgreSQL, JS, React, Redux, HTML, CSS   Live | Github
Full-stack web application inspired by Instagram
- Protected user data by implementing front-end and back-end authentication system
- Stored data using paperclip and AWS S3
- Implemented Rails polymorphic associations and used ActiveRecord capabilities to reduce database AJAX requests to database and improve performance.

Tetris – JavaScript, HTML, CSS   Live | Github
Tile-matching browser video game, built on object-oriented programming principles using ES6
- Utilized HTML5 Canvas to draw graphics, on the fly, via JavaScript.
- Used a matrix to rotate vectors representing cell positions to get a new cell location in the rotated block