



Michelle Rios

Software Engineer



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Skills

Programming Languages

JavaScript, Node.JS, Ruby, TypeScript, Java, Python

Web Technologies

Ruby on Rails, Sinatra, React, Redux, HTML, CSS, Flask, Rest APIs, Bootstrap

Data Management

Active Record ORM, Sequelize ORM, SQL

Development Tools

git, OOP, Markdown, Jira

Foreign Languages

Spanish, Russian, French

Interests

📷 Street & Macro Photography

</> Mentoring others in tech

🗣️ Practicing foreign languages

🌍 Exploring new places

🎵 Singing

Education

Rutgers, The State University of New Jersey 🎓

2014 - 2018

- Computer Science, BA
- Russian Language & Literature, BA

Job Experience

Senior Software Engineering Instructor | Flatiron School

April 2020 – Ongoing | New York, New York

- Deliver daily lectures for 25+ students regarding full-stack web development using Javascript, Ruby, Ruby on Rails, Sinatra, React, Git, CSS, and HTML
- Create supplemental labs and pairing exercises for students
- Provide detailed and individualized code reviews to students on labs & projects
- Manage cohort's instructional team
- Develop and lead student project sprints

Software Engineer | Siemens

August 2019 – April 2020 | Florham Park, New Jersey

- Design, implement, test, troubleshoot, and enhance software applications for building components and subsystems
- Tech stack includes using C++, git, and GDB for debugging in a Linux environment

CODA Instructor / Software Engineer | Capital One

January 2019 – August 2019 | Vienna, Virginia

- Delivered lectures and facilitated classroom discussions for an immersive full stack developer training program to prepare 30 employees for software engineering roles at Capital One
- Designed, implemented, and enhanced internal software to automate daily tasks using technologies including React, Redux, Postgres, and Sequelize
- Provided code reviews and support to students on projects, labs, and exercises
- Created and refined course content and curriculum to streamline the learning process

Community Service Officer | RUPD

July 2015 – May 2018 | New Brunswick, New Jersey

- Provided security services and performed administrative duties in order to increase on campus safety
- Leveraged fluency in Spanish and understanding of Latin American culture to strengthen police-community relations with the area's Hispanic population
- Led and supervised squad of officers during special event shifts

Projects

Personal Portfolio Website

brendamichelle.com

- Built using Python, Flask Web Framework, custom CSS, and DuckDuckGo's definition API. Hosted on a cloud PaaS provider

Hangman

fun-hangman-game.netlify.com

- Built a game using JavaScript, CSS, and HTML for the front end and Netlify to deploy

Photo Library Android App & Desktop App (College Project)

- Built an Android app using Java in Android Studio. Also built a desktop version using JavaFX, Java, and MVC architecture

Mock Hotel Website (College Project)

- Built front end using HTML and CSS and back end with PHP, SQL, and MySQL