Laura Martinez

206-899-6651 | larmartinez2@gmail.com | GitHub: github.com/lauramartinezdev
linkedin.com/in/lauramartinezdev/

SOFTWARE ENGINEER

Proactive and self-motivated Software Development Engineer with 5 years of experience, including a strong background in AWS, Python, and REST APIs development. Strong communication and collaboration skills. Able to work independently and learn new concepts quickly. Actively promotes a culture of collaboration and learning through mentoring and knowledge sharing.

TECHNICAL SKILLS: Python | Ruby | React | JavaScript | Java| Terraform | HTML + CSS | AWS | Git | React | Node | Agile TDD | Unit Tests | E2E Tests | Development Lifecycle | REST

EXPERIENCE

Software Development Engineer | Zillow   08/2019 – 02/2024
Software Development Engineer Intern | Zillow   02/2019 – 07/2019
Real-estate marketplace company with 226 million users
- Provided technical advice, leadership, and direction on software engineering projects.
- Developed and maintained multiple AWS Lambda to support backend functionalities.
- Wrote high-quality, performant, well-tested and well- documented Python, Java and Javascript code.
- Triggered surveys and updated databases based on an event-driven architecture using big data systems, analytics, containerized microservices, serverless functions, and queues in AWS.
- Pioneered the process for storing values in AWS parameter Store and how to set up permissions using terraform.
- Ensured exceptional customer service by addressing inquiries and technical issues from partner teams, fostering seamless collaboration.

Software Engineering Student | Ada Developers Academy   01/2018 – 01/2019
Software Engineering Apprenticeship with an 8% acceptance rate
- Studied full-stack software engineering in an intensive, project-based, and highly selective program.
- Ability to learn extremely quickly by completing twenty-four non-trivial coding projects in six months.
- Developed an e-commerce site in collaboration with a team, implementing shopping cart and checkout features to ensure a seamless user experience.

Data Analyst | Data2insight   07/2017 – 12/2017
Data Science firm that helps businesses, government agencies, and universities make meaningful impact.
- Intern turned contractor. Analyzed and consolidated data from diverse origins, ensuring data quality.
- Developed Python scripts for statistical analysis and data visualization using libraries such as NumPy and Matplotlib.
- Sorted and analyzed data using Excel Pivot Tables and effectively communicated technical findings to stakeholders.

Research Technician | University of Zurich and University of Washington Medical Center   02/2013 – 12/2016
Research center for the study of the human brain in health and disease.
- Utilized Python, R, and Matlab to process neuroimaging data for the Seattle Longitudinal Study.
- Presented research at national conferences.
- Received 1 of 27 research grants from the Embassy of Switzerland to facilitate the adaptation of the Seattle Longitudinal Study data processing pipeline to a new lab in Zurich.

EDUCATION

University of Washington, **Bachelor of Science (B.S.) in Physics**, March 2015
CSE Courses: Data Structures and Algorithms, Computer Science Fundamentals, Introduction to R for Data Analysis.

Ada Developers Academy, **Computer Science**, June 2019
CSE Courses: Ruby, Rails, Javascript, HTML, CSS, GitHub, OOP and TDD, CS Fundamentals, Agile Development.
Capstone Project: Developed an iOS mobile app in 3 weeks that tracks expiration date of items using a barcode reader and reminders. https://github.com/lauramar6261/capstone_ReactNative(React Native, Expo, Ruby on Rails, UPCitemdb API)