

Michele Collender

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SUMMARY

Detail-oriented Computer Science master's student with professional software development, scripting, and web application experience. Skilled in backend development, cloud-hosted Django applications, mobile development, and software automation. Passionate about delivering scalable, user-centered solutions across web, mobile, and macOS platforms.

SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS, Scheme, Go, Lisp, Bash

Frameworks & Technologies: Django, AJAX, jQuery, iOS, macOS, Android SDK

Tools: Git, JUnit, unit testing, WordPress, Adobe Photoshop

Soft Skills: Strong problem-solving ability, adaptability, effective communication, documentation, software forecasting, critical thinking.

EDUCATION

California State University, Long Beach - MS in Computer Science 01/2025 - Present

Mills College, Oakland, CA - BA in Computer Science 08/2010 - 04/2014 | GPA: 3.5.

Relevant Coursework: Operating Systems, Computer Architecture, Software Engineering, Computer Networks, Mobile Application Development, Algorithms, Programming Languages.

PROJECTS

IP address parsing Django App

Collaborated weekly to enhance functionality, implementing AJAX, jQuery, and Python APIs.

Secret Cipher Android Mobile App

Developed an Android encryption app using Java and Android SDK, implementing end-to-end encryption, UX, user experience, debugging, and maintaining version control on GitHub.

PROFESSIONAL EXPERIENCE

IT Applications Analyst II - 01/2018 to 01/2020

County of Humboldt - Eureka, CA

- Maintained and updated ticketing system documentation, ensuring that software troubleshooting procedures were clearly documented for future issue resolution for end users and vendors
- Balanced a multitude of projects and teams, lead analyst of 12 software projects

Senior Data Integrity Specialist - 07/2015 to 01/2018

Mathematical Sciences Publishers - Berkeley, CA

- Developed internal scripting and data management tools using Django and Python, improving the efficiency of office operations and reducing manual data entry errors
- Managed and mentored a team of 4 remote data specialists, establishing workflow guidelines and conducting regular performance evaluations to enhance productivity
- Analyzed proprietary software for functional improvements and submitted SQL queries to promote efficient work patterns

Assistant Web Developer - 06/2013 to 08/2013

Eco & Associates, Inc. - Anaheim, CA

- Assisted in the design and implementation of company website using HTML, CSS, and Wordpress