**Melanie MacDonald**

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**PROFESSIONAL SUMMARY**

Knowledgeable Software Developer with 3 years of experience in coding and testing web applications. Motivated self-starter who can execute tasks with minimal supervision. Seeking opportunities to explore new technologies in the backend and push the boundaries of what we can create in graphics on the frontend in order to produce engaging high-quality web applications.

**SKILLS**

**Languages:** JavaScript (Expert), Java (Intermediate), Ruby (Advanced), HTML (Expert), CSS (Expert)

**Frontend Frameworks**: Angular.io (Expert), Angular.js (Expert), React (Expert), Preact (Expert), Ruby on Rails (Advanced)

**Frontend Testing:** Jest (Advanced), Enzyme (Intermediate), Jasmine (Intermediate), Karma (Intermediate)

**Backend Technologies:** Node (Expert), Express (Advanced), Spring (Intermediate), Ruby on Rails (Advanced)

**Databases:** PostgreSQL (Advanced), MySQL (Advanced), MongoDB (Advanced), Oracle (Intermediate)

**EXPERIENCE**

**Conseqta Technologies** September 2019 - Present

*Software Engineer*

* Completing development of 3 applications by upgrading the framework, adding OIDC role-based authentication, creating custom D3.js graphics, designing WebSocket infrastructure, and modifying existing libraries to add desired features
* Contributing to the development and maintenance of a financial application, including creating two specialized document search modules and a major refactor of the contract tracking module
* Leading and mentoring development team in reaching higher code quality, developing documentation, and increasing subject knowledge which accelerated our teams’ ability to meet client expectations

**Synergy Software Design** April 2019 - September 2019

*Web Application Developer*

* Acting as the subject matter expert for React, Redux, and JavaScript architecture practices to create reusable and sustainable code
* Developing interfaces for the Navy to upload, analyze, and view large scale data to make more informed financial decisions
* Optimizing 3d interfaces, presentation features, and advanced calendar integrations for input in future projects on legacy computer systems

**Flatiron School** May 2018 - April 2019

*Technical Coaching Fellow*

* Taught, built, and modified curriculum for Ruby, Sinatra, Ruby on Rails, JavaScript, React, and Redux to provide students with the most cutting-edge learning material
* Contributed to engineering team projects by creating a Slack bot that fostered student bonding
* Created curriculum for code-based marketing events so that people coding for the first time could leave more competent in coding paradigms and resulted in 15% of participants applying for our program

**EDUCATION**

**The George Washington University Full Stack Web Development Program** January 2018

**Bachelor of Arts in Biology, Minor Studio Art** May 2016

St. Mary’s College of Maryland, St. Mary’s City, MD