EILEEN MCFARLAND

in /in/mcfarlandeileen **○** mceileen

EXPERIENCE

Feb. 2019 to May 2019

Recurse Center · Participant
- Expand search capability and create admin-only API for OpenOversight, a dockerized Python-Flask web app with Postgres databases.
- Found EmoReply, a Python and JavaScript chrome extension that leverages machine learning to provide emotionally valenced autoresponses.

Feb. 2018 to Nov. 2018

Spantree Technology Group · Software Engineer

Spantree Client: Nonprofit Focused on Government Procurement
- Created email notification system for procurement platform using TypeScript, Serverless, and AWS. The system generated business by notifying users when contracts that matched their preferences became available for bids.
- Constructed search feature for platform, using TypeScript, React, and Elasticsearch, that connected consumers to vendors.
- Facilitated code reviews and product architectural decisions.

Spantree Client: Large Open-Source Data Entry Project
- Delivered process with Apache POI to intake the excel data format for a legacy Java project. The excel processing capabilities enabled large healthcare clients to better manage provider data.
- Practiced test-driven development with both the Spock and JUnit frameworks.

Spantree Client: Internal Projects
- Maintained internal project to store recordings of team meetings using AWS and Serverless.
- Strategized with team members on architectural decisions for internal dashboard system.

June 2016 to Feb. 2018

Arity (owned by Allstate) · Software Engineer
- Delivered greenfield Java-Spring app to enable Allstate customer registration.
- Developed back-end features for monitoring individual driver performance.
- Crafted front-end UI in React for product that tracked driver trends.
- Pair programmed as member of an Agile team.
- Collaborated with other Arity and Allstate teams to deliver a customer-ready product.

Sept. 2015 to Dec. 2015

Software Engineering Student · Dev Bootcamp
- Won #YesWeCode scholarship.

Aug. 2014 to Aug. 2015

Ombudsman Paralegal · Legal Assistance Foundation
- Guided disabled and elderly clients through appeals for services.

Oct. 2013 to Aug. 2014

In-Person Counselor · Legal Assistance Foundation
- Enrolled clients in health insurance during health reform roll-out.

SKILLS

Java, Spring, JavaScript, React, Ruby on Rails, HTML/CSS, Apache POI, TDD, TypeScript, SQL, Git, Python, Flask, AWS, Serverless, Kotlin, Pair programming, Elasticsearch, JUnit, Spock

PROJECTS

Mar. 2016 to Apr. 2018

Tweechable Moments
Organized open-source Ruby on Rails twitter bot. As a founder I reviewed pull requests, contributed code, and determined direction.

EDUCATION

2015

Dev Bootcamp
Dev Bootcamp is a short-term, immersive coding bootcamp that transforms beginners into full-stack web developers in 19 weeks (9 weeks remote part-time + 10 weeks on-site full time). Curriculum includes Ruby, Ruby on Rails, RSpec, Jasmine, JavaScript, jQuery, AJAX, SQL, git source control, Agile development practices, test-driven development, and object-oriented design. Program culminates with a 7-day group final project.

2012

Georgetown University
B.A. English & Spanish
Graduated cum laude.