

EDUCATION

- Mills College** Interdisciplinary Computer Science, MA *Oakland, California* Class of 2020
GPA: 4.0, Lennox-McEntyre Award Recipient (for excellence in computer science and contributions to the community)
- UC San Diego** Bioengineering BS, Minor in Environmental Studies *La Jolla, California* Class of 2016

TECHNICAL SKILLS

Proficient: Java, Git, GitHub, REST, Spring Boot, Spring Data JPA, SQL, Python, JetBrains IDEs (IntelliJ, Android Studio, Webstorm), Jira, Confluence

Familiar: C, C++, React, Javascript, JUnit, Mockito, Maven, Gradle

Exposure: Kotlin, Rust, Flyway, Docker, Lisp, Scheme, Numpy, Haskell, Go

EXPERIENCE

Queen's Web Software Engineering Intern *Remote* February 2021 – Present

- **The Cookout:** Building front end for an invite-only social media application using React to move product away from off-the-shelf solution.

LendUp Software Engineering Intern *Oakland, California* June 2019 – August 2019

- **Data Catalog Back End:** Developed data catalog and discovery service implemented with Spring Boot REST API, Spring Data JPA, and PostgreSQL, providing California Consumer Privacy Act compliance support and leading to over \$100k in cloud storage savings.
- **Data Catalog Front End:** Developed user-friendly front end application using React, Material UI and Material Table libraries. Used by ~60% of employees internally, including non-technical users.
- **Agile Process:** Received and responded to feedback in code reviews. Version controlled project in GitHub. Presented completed project at end-of-summer demo. Completed project ahead of schedule.

Mills College Graduate Teaching Assistant + Peer Tutor *Oakland, California* August 2018 – May 2020

- **Theory of Algorithms:** Provided office hours and one-on-one tutoring. Led weekly study group to support completion of assignments. Graded assignments for students and provided feedback.
- **Data Structures + Algorithms:** Provided office hours and one-on-one tutoring for students in the data structures and algorithms class. Graded assignments and read, debugged and provided feedback on Java project code.

PROJECTS

Personal Website: Built personal website using Jekyll as a static site generator and deployed on GitHub pages. Modified page layouts to ever changing taste. (Personal Project, 2017 – Present)

Android Application for Shopping List Generation: Developed app which pulls ingredients from recipes online and generates grocery shopping list. Worked on a team of 3 to design, implement, review and test software. (Mobile App Development Class, Java, 2019)

Open Source Contribution - Bug Fix for Habitica: Contributed Kotlin bug fix code for missing toast notification in open source habit-building Android Application Habitica. (Mobile App Development Class, Kotlin, 2019)

Open Source Contribution - Typo Fix for Material Table: Contributed typo fix for open source React library Material-Table. (LendUp, Javascript, 2019)

UC San Diego Senior Design Project: Worked with NASA to develop astronaut healthcare device. Designed a contact pressure measurement system using Arduino and variable resistance sensor. Device works in conjunction with a negative pressure fluid shift countermeasure suit for use in long duration spaceflight. (UCSD Bioengineering Department, 2016)

RELEVANT COURSEWORK

Completed Courses: Theory of Algorithms, Data Structures + Algorithms, Theory of Computation, Programming Languages, Computer Architecture + Assembly Language, Mobile App Development (Android), Cryptography + Network Security, Accelerated Object Oriented Programming in Java, Intermediate Programming in C++, Introduction to Programming in C, Introduction to Machine Learning, Discrete Math I + II