

Milo Bougetz-Aulbach

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Portfolio Website: <https://mbougetz.github.io/Portfolio-Website/>

GitHub: <https://github.com/mbougetz>

EDUCATION

University of California, San Diego (UCSD)

2018 - 2022

B.Sc. Mathematics/Computer Science

(Minor in Music)

GPA: 3.53

PROJECTS

Dev Team Management— CSE 110 Software Engineering

- Proactively and punctually led a team of ten CSE majors developing a web application for recipe management entitled “Hell's Kitchen”
- Organized meetings, several sprints, and documentation according to agile methodologies
- Managed team via Slack and Github
- Led app design sessions via Miro and Figma
- Wrote much of the JavaScript functionality
- Leveraged a RESTful API to retrieve recipe information
- Wrote and logged architectural decision records to the team page

NanoEngineering and Technology Society— Modeling Electrical Double Layers Research Team

- Assisted with leading group meetings in an organized manner
- Taught fellow group members basic usage of C++, C, and Python
- Made use of molecular dynamics software LAMMPS
- Helped to facilitate group reads and analyses of research papers

WORK EXPERIENCE

Private Math Tutor

2016-2018

Provided tutoring for high school students in math subjects ranging from algebra through calculus.

UC San Diego Dining Hall — Student Worker

2019-2020

Quickly and cooperatively worked within a team to provide food service in a fast-paced environment for a diverse clientele of students and staff.

SKILLS

- Strong foundation in mathematics including graph theory and algorithm optimization
- Object-oriented programming and design across multiple languages
- Data structures and algorithms
- Agile software engineering practices and methodologies
- Version control via Github
- Familiarity with functional programming in Haskell
- RESTful API in web application contexts
- Linux/Unix environments
- Vim, Visual Studio, Eclipse
- Strong written and verbal communication skills

PROGRAMMING LANGUAGES

- C++/C
- Java
- JavaScript/HTML
- Python
- Haskell

LANGUAGES

- English (Native speaker)
- Spanish (Intermediate)