

# ANTHONY RODRIGUEZ

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♦ **Website:** [arod209.github.io](http://arod209.github.io)

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## EDUCATION

**University of California—Berkeley, Berkeley, CA**  
Bachelor of Arts in Computer Science  
Expected Graduation: Spring 2020

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## NOTABLE PROJECTS

**Yelp Maps (course project):** Used Python 3 to help create a visualization of restaurant ratings using machine learning and the Yelp academic dataset.

**Bear Maps (course project):** Used Java, graph algorithms, and an Open Street Map data set to implement the backend of a web server that generates a map of the city of Berkeley.

**BYOG (course project):** With Java, I created a 2-D tile-based video game that randomly generates hallways and rooms where a player can move around.

**Portfolio Website:** Created a portfolio website ([arod209.github.io](http://arod209.github.io)) using GitHub Pages, HTML5, HTML5 Canvas, CSS, and JavaScript.

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## SKILLS

**Languages:** Python, Java, C, JavaScript, HTML, CSS

**Working Knowledge:** SQL, C#, React, RISC-V, Git

**Frameworks, Libraries, API's:** JUnit, NumPy, Matplotlib, HTML5 Canvas, Bootstrap

**Operating Systems:** Windows, Linux (using BASH)

**Soft Skills:** Effective verbal and written communication, eager to learn new skills, problem-solver

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## WORK HISTORY

**Academic Intern, Jan 2018 - May 2018**

**University of California – Berkeley, Berkeley, CA**

- Assisted UC Berkeley's CS 61A students during lab sections with computer programming in the Python programming language.
- Guided students on how to compose computer programs by properly using data abstraction.
- Led students in constructing correct algorithms to solve programming exercises.

**Supplemental Instruction Leader, August 2016 - June 2017**

**Modesto Junior College – Modesto, CA**

- Guided peer-lead study group sessions, for math students, outside of courses.
- Created worksheets for students to follow during supplemental instruction sessions.
- Met with course instructor on a weekly basis to report student progress and discuss strategies to be used in supplemental instruction session that can further student success in their course.
- Improved students' overall grade in the course by a whole letter grade.

**Academic Tutor, August 2014 - August 2016**

**Modesto Junior College – Modesto, CA**

- Provided academic assistance to students in math subjects that range from arithmetic to integral calculus.
- Tutored in a one-on-one or group setting.