

ANTHONY RODRIGUEZ

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EDUCATION

University of California, Berkeley
Computer Science, 2017— Present
Expected Graduation: Spring 2020

Modesto Junior College
Computer Science, 2011 – 2017

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) using GitHub Pages, HTML5, HTML5 Canvas, CSS, and JavaScript.

SKILLS

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

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

Frameworks, Libraries, API's: JUnit, Python doctest, NumPy, Matplotlib, HTML5 Canvas, Bootstrap 4

Operating Systems: Windows, Linux (using BASH)

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

WORK HISTORY

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.

VOLUNTEER

Academic Intern, University of California - Berkeley

Jan 2018 - May 2018

Assisted UC Berkeley's CS 61A students during their lab sections by guiding them to properly use the Python programming language and to properly compose computer programs to solve problems.