ANTHONY RODRIGUEZ

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EDUCATION

Modesto Junior College
Computer Science, 2011 – 2017

University of California – Berkeley
Computer Science, 2017 – Present

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, graphing 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, JavaScript, HTML, CSS, RISC-V
Working Knowledge: SQL, C, C#, React
Frameworks, Libraries, API's: JUnit, NumPy, Matplotlib, HTML5 Canvas, StdDraw
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 CS61A students during their lab sections by guiding them to properly use the Python programming language and to properly compose computer programs to solve problems.