Makayla K. Rodriguez

● https://makayla-k.github.io/MakaylaK.Portfolio ●

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EDUCATION
California State University – Monterey Bay, Seaside, CA   *Expected: May 2022*
B.S. in Computer Science, Software Engineering

PROGRAMS
CSin3 Member - A selective accelerated pathway for earning a bachelor's degree in three years, featuring regular extracurricular workshops on academic and professional development.

SKILLS
- **C++, Python, HTML, Linux, GitHub/Git, Java, Android, JavaScript, CSS**
- **Mobile App Development Android and IOS**

ENGINEERING PROJECTS
USD - Open source Graphics Pipeline used by Pixar
September 2020 - Present
- Improved the documentation for building the USD codebase on MacOS ([pull request](#))
- Working through USD tutorials to build a USD plugin
- Set up and installed the USD project on an AWS linux instance

Book Exchange - Android mobile app
August 2020
- Collaborated with a team of 3 developers to create an app where users can search, trade or buy books
- Book listings were retrieved from the New York Times API and ISBN API. Implemented user login and persistent login. Integrated with Back4App database to store user posts and other data
- Created wireframes in Figma to illustrate the apps layout

RELEVANT EXPERIENCE
Android TA - CodePath   *January 2022 - Present*
- Responsible for supporting over 100 students in the CodePath Android Mobile App Development course.
- Attended weekly class lectures and assisted with lab sessions for 8 groups.
- Hosted weekly office hour sessions debugging students' Android apps.

Google's CSSIx TA - CSUMB   *June 2020 - August 2020*
- Provided guidance to students to learn the basics of JavaScript incorporating topics such as: loops, libraries, and classes which would help in creating their first web app

EXTRACURRICULARS
3D Modeling - 8 Week Maya Course   *December 2020 - Jan 2021*
- Used Maya's interface to create and manipulate 3D objects.
- Learned how to use 3D modeling tools such as multi-cut, extrude, and bevel tools.

Android University - CodePath   *August 2020 - November 2020*
- Twelve week project-focused Android training facilitated by CodePath Teaching Assistants
- Built android studio projects using the API's of apps such as Twitter, Flixster, Instagram
- Includes: **Android studio, Java, Heroku, Google Maps API, Firebase**