Christopher Redd-Adams

credd@sandiego.edu|415-724-3716 |San Diego, CA

EDUCATION

University of San Diego Shiley-Marcos School of Engineering Expected Graduation: Spring 2023
Bachelor of Science in Computer Science GPA**:** 3.0

College of San Mateo Transferred: Fall 2020
Associates of Science in Computer Science

PROFESSIONAL EXPERIENCE

SERVY | *Project Manager* August 2022-Present
- Lead team of five engineers to build cross platform mobile app with Flutter and PostgreSQL to allow users to select the types of business identities they want to support(Veteran owned, Women Owned, Minority Owned, etc)
- Presented pitch deck in front of 15 plus venture capital investors and angel investors
- Organized software requirement documentation and designed basic UI through figma
- Facilitated the collection and reorganization of data from software such as the Yelp Fusion API, OpenStreetmaps API

NASA| *Software Engineer intern* Summer 2022
- Assigned with task of finding a piece of NASA technology that is has commercial application and developing the pitch to start up investors as well as work with AMES research center to gather further information on software
- Developed business to business as well as business to consumer use cases of varied NASA software
- Worked on legacy code to monitor the photovoltaic energy output dependent upon 1%- 20% UV exposure reduction

NASA| *Student Assistant* Summer 2019
- Assisted in the administration of astrobiology informational tent at the Dark Skies festival hosting over 700 visitors
- Facilitated educational and active learning lessons on microbial life from planets in our solar system
- Partnered with lead researcher in hosting keynote speaker series event for festival assisting with the presentation on the history of microbial life on Mars

LEADERSHIP EXPERIENCE

National Society of Black Engineers USD Chapter (NSBE)| *Programs & Finance Chair* May 2022- Current
- Delegated 35 thousand dollar budget given to the National Society of Engineers (NSBE) University of San Diego branch to ensure our members can attend events such as the NSBE National Conference as well the Fall Regional conference.
- Planned and coordinated events focusing on raising funds from alumni as well as establishing industry connections for the chapter at large to assist with obtaining internships, and research opportunities
- Participated in student government meetings to make sure the voice of the students in NSBE were heard on all matters around the campus

Black Student Union| University of San Diego| *Vice President* July 2022-Current
- Actively recruit students to join the BSU, outreach to engaging guest speakers, and collaborate with community partners on and off campus
- Advocated for support from the college in a financial capacity as well as helped students of color feel more comfortable expressing their experiences at University of San Diego

SKILLS

Programming Languages: Python, Java, C#, HTML, CSS, Javascript, SQL, Flutter, Dart,
Relevant Coursework: Introduction to python(COMP 110), Second semester Python(COMP 120), Java and Data Structures (COMP 230), Algorithms(COMP 480), Introduction to Computer Systems (COMP 280), Object Oriented Programming (COMP 305)
Relevant Application Programming interface/Software : Django, React, Unity, REST, Blender, Node.js, Yelp Fusion, Open Street maps

PROJECTS

SERVY (Flutter, Python, SQL, Dart)
- Created assignments for team of five engineers delegating creation of front and back end for mobile application over an eight month period
- Built the application mockup via Figma
- Created user interface via Flutter paired with Postgresql which populated information about small businesses from Yelp Fusion api