

Camila Grubb

Education

Bachelor of Science Degree in Computer Science 2021 - 2025

USA - University of Arizona - Tucson, AZ

Minor in Business Administration 2021 - 2025

USA - University of Arizona Tucson, AZ

Certificate in Cybersecurity 2022 - 2025

USA - University of Arizona South - Tucson, AZ

Contact

Professional Email: [✉ camilagrub@gmail.com](mailto:camilagrub@gmail.com)

University Email: [✉ cdgrubb@arizona.edu](mailto:cdgrubb@arizona.edu)

GitHub Profile: github.com/CG020

Mobile Phone: (520) 360-9985

LinkedIn Profile: [🔗 linkedin.com/in/camila-grubb8ab00b240/](https://www.linkedin.com/in/camila-grubb8ab00b240/)

Experience

Research Lab Assistant (Arizona Center for Accelerated Biomedical Innovation)

University of Arizona Sarver Heart Center, Tucson, AZ - (August 2022 - Present)

- Devising approaches to complex research projects and dividing coding components into tasks to be delegated between members.
- Constructs and debugs code scripts that convert, parse, or transform data to analyze results thoroughly during experiments
- Prepares technical papers and presentations to attend and speak at professional medical conferences such as ASAIO and ASN.

Design Lab Intern

University of Arizona Design Labs, Tucson, AZ - (February 2023 - May 2024)

- Collaborates on product design to propose prototype solutions and criteria for companies connected to the University of Arizona (APEX Applied Technologies)
- Employ discipline specific skills to the project for product completion (design steps, communication setup, frontend development)
- Communicates and coordinates meeting dates and scheduling conflicts for frequent meetings and progress reporting
- Researches funding solutions and sourcing website resources to alleviate monetary burdens on the company

ADVANCE Kidney Research Project Lead

University of Arizona Banner Medical Center, Tucson, AZ - (May 2024 - Present)

- Conducts data extraction and physical experiments for the purpose of testing radar sensor efficiency and accuracy
- Employs clear communication and organization skills overseeing several high school and undergraduate students from a variety of fields
- Coordinates meeting dates and scheduling conflicts for frequent meetings and progress reporting

- Significant debugging and brainstorming required for upkeep of the code repositories and hardware

Organization Involvement

Angel Heart Pajama Project

University of Arizona, Tucson, Az – (August 2022 - present)

- Assists Angel Heart (Southern Arizona Based volunteer group) coordinators at community events hosted across Tucson
- Ensure children attending events get access to clothes, books, toys, and dependable volunteers that help them grow and thrive away from the difficult living situations they may come from
- Communicates warmly and openly with children and parents at Pajama Project events

Publications

-Movement Abnormality Quantitation: Comparison of OnBody vs. Around-Body Systems for

-Assessment of Movement Abnormalities in Chronic Kidney Disease

Wired Room: Digital Sound, Image and Motion Analysis for Enhanced Medical Diagnostics from A Patient Encounter

-Python Computational Methods Advance Video Motion Capture for Telehealth and In-Person Diagnostic Accuracy

Projects

(All documentation found in GitHub @ github.com/CG020)

edu_searcher

- an app designed to search the web and open resource sites connected to several edu based APIs for free education dependent on the user's preferences
- simplicity and user friendly design alongside fast runtime primary goals of the side project
- serves as a tool to shorten the time it takes to find free, open resource tutorials or courses for a user searching to learn

Skills

Python: 6 years experience; primary coding language of lab research involvement at Sarver Heart Center

Java: 6 years experience

Technical Writing

Library Systems Management

FrontEnd Development

ReactJS

Microsoft Applications Proficiency: Business Administration Minor required proficiency in Excel, Word, PowerPoint, Microsoft Teams, Publisher, etc.

CPR

GitHub

Language *English* - Native speaker

Spanish - Proficient speaker

Other *Amazon WoW Participant*