

# Camila Grubb

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## 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*

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## Contact

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

GitHub Profile: [🌟 github.com/CG020](https://github.com/CG020)

Mobile Phone: (520) 360-9985

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## Experience

### Research Lab Data Science Intern

*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

### Resource Sharing Assistant

*University of Arizona Libraries, Tucson, AZ -(January 2023 - May 2024)*

- Manages resource sharing between libraries on campus and off campus of the University of Arizona
- Upkeeps the ILLiad database and maintain library record to maintain organization
- Supports the library's Express Retrieval, Document Delivery and Interlibrary Loan Borrowing and Lending services to ensure patrons get the information they are seeking quickly

- Inventory control within the Alma Circulation system
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## 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
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## 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
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## Projects

*(All documentation found in GitHub @ [github.com/CG020](https://github.com/CG020))*

### Personal Website

*(‘camilagrubweb’ repository)*

- personal website created as a side project using combination of HTML, CSS, ReactJS, and JavaScript
- serves as source of practice for frontend development and personal achievement showcase
- used to document current project progress and personal bio

### Personal Website (Refactored Version)

*(‘camilagrubweb2024’ repository)*

- personal website refactored and updated from its first iteration with a focus on condensing information and less redirection of pages
  - serves as source of practice for frontend development and personal achievement showcase
  - used to document current project progress and personal bio in a more concise and organized manner
  - Less code, less overhead
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## 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

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**Language**    *English* - Native speaker                      *Spanish* - Proficient speaker