

Caela M. Go

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Education

University of Pittsburgh Honors College

Pittsburgh, PA

B.S. IN COMPUTER SCIENCE, B.S. IN INFORMATION SCIENCE, FILM & MEDIA STUDIES MINOR

August 2019 – May 2023

- GPA: 3.925
- Courses: Programming Language For Web Applications, Algorithms and Data Structures 2, Computer Organization and Assembly Language, Intro to Systems Software, Discrete Structures, Data Structures, Calculus I and II
- Extracurricular: Computer Science Club, Women in Computer Science Club, Kappa Theta Pi, Pitt ACLU Club, Asian Student Alliance, Chinese American Student Association, Filipino Students Association, Pitt Student Alumni Association

Work Experience

CGI I.T. Girl Challenge

Pittsburgh, PA

UNIVERSITY MENTOR & VOLUNTEER

February 2021 - PRESENT

- Dedicate total of 20 hours over 12 weeks to meet with small team of high school girls from Pittsburgh Public Schools to develop mobile application
- Encourage and guide participants by teaching them problem-solving techniques, time management, and goal setting during each mentoring session
- Research team's chosen technologies for app development (i.e., Thunkable, Airtable) to better assist them

University of Pittsburgh School of Computing and Information

Pittsburgh, PA

UNDERGRADUATE RESEARCHER & HONORS FELLOWSHIP MEMBER

August 2020 - PRESENT

- Gain research and programming experience through self-guided development of Pittsburgh Food Desert Map project with mentor
- Review the literature on food insecurity to identify potential project objectives
- Demonstrate applicability of food map in combating hunger to broad audience and collaborate with other fellowship members

The Pitt News

Pittsburgh, PA

ASSISTANT VISUAL EDITOR

September 2019 - PRESENT

- Manage staff of 30 photographers, videographers, and illustrators alongside a co-editor
- Coordinate with other desks and demonstrate leadership to maintain access to news, sports, and other high-profile events
- Fulfill responsibilities in a fast-paced work setting, including working multiple 6-hour night shifts per week, attending regular meetings with editors and staff, and filling in for photojournalism assignments as needed

Projects

GoServe

Swift, Xcode, Firebase, Figma

STEELHACKS HACKATHON: 1ST PLACE, SOCIAL GOOD TRACK

February 2021

- Developed mobile application to facilitate direct connection between volunteers and organizations in need
- Led design and narrative team by designing intuitive app and UI/UX interface in Figma

ClubHub

HTML/CSS, JavaScript, Figma

SHE INNOVATES HACKATHON: 1ST PLACE, STUDENT LIFE TRACK; 2ND PLACE, PNC CHALLENGE

February 2021

- Created centralized website for Pitt student organizations and clubs to promote community engagement during the pandemic
- Implemented mock-up design and UI/UX features for website such as filtered search and page customization using Figma
- Collaborated on Glitch with 2 other students to successfully complete project demo within 36 hours

Pittsburgh Food Desert Map

JavaScript, Python

RESEARCH PROJECT

August 2020 - PRESENT

- Graphically visualize and analyze location data from local food distribution sites using Google Maps API
- Provide end-user product by designing an interactive website with navigation features
- Implement Flask web framework in Python to create testing environment

Recycle Rewards

Swift, Xcode, Arduino, Firebase

STEELHACKS HACKATHON: 3RD PLACE OVERALL; BNY MELLON BEST BEGINNER HACK

February 2020

- Designed and created mobile app and smart recycling bin prototype to supplement University of Pittsburgh's recycling initiative
- Bolstered programming and problem solving skills by generating scannable and unique QR codes for the application
- Collaborated with team of 5 students using GitHub, Arduino, and Swift to create a functioning prototype within 24 hours

Skills

Programming

Java, Python, C, JavaScript, HTML/CSS

Tools/Frameworks

Git, pandas, NumPy, Jupyter, Figma, Minitab

Multimedia

Adobe Lightroom, Adobe Premiere Pro, Adobe After Effects, Adobe Photoshop