

Bobby Rouse

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EDUCATION

UNIVERSITY OF PITTSBURGH

BACHELOR OF SCIENCE

Class of 2022 | Pittsburgh, PA

Major: Computer Engineering

Minor: Economics

Relevant Coursework:

Art of Making, Practical AI, Algorithm

Implementation, Data Structures and

Algorithms, Game Theory,

Graduate Medical Product Ideation

BOSTON LATIN SCHOOL

Grad. May 2018 | Boston, MA

Member of National Honor Society, Cross
Country and Track Team Captain

SKILLS

PROGRAMMING LANGUAGES

C++ • Java • Python • HTML • CSS •

JavaScript • MATLAB • Arduino • \LaTeX

DESIGN

Figma • Adobe: XD • Photoshop •

InDesign • Illustrator • Dimension

PRODUCT

Human-Centered Design • Rapid

Prototyping • User Research • A/B

Testing • Product Management

TOOLS & FRAMEWORKS

Git • Netlify • Hugo • Squarespace

OTHER

Public Speaking • Spanish (Intermediate)

LEADERSHIP

Project Manager - Pitt Robotics and

Automation Society (2018-2020)

Analyst - Panther Equity (2018-2020)

INTERESTS

Surfing, Skiing in the Northeast, European
traveling, Running

EXPERIENCE

FOODLE CO-FOUNDER AND PRODUCT LEAD

Oct 2019 - Present | Pittsburgh, PA

- Created a superior, more sustainable alternative to current reusable containers.
- Conceived, prototyped and designed a ready-to-use reusable silicone container that is safe for food.
- Directed user testing round of 25 target users lasting 3 months to optimize our design in time for scheduled beta testing round in Spring 2021.

CLASSROOM TO COMMUNITY GROWTH MANAGER

Jan 2020 - Present | Pittsburgh, PA

- Conceptualized a standardized recruitment process to facilitate lab expansion that will increase involvement and lab size by 100%.
- Instituted a plan for future university-wide expansion of the lab with program leadership and faculty as part of a University of Pittsburgh-sponsored initiative.
- Oversaw and managed student team weekly deliverables.

UNIVERSITY OF PITTSBURGH ART OF MAKING TEACHING ASSISTANT

Dec 2019 - Present | Pittsburgh, PA

- Collaborated with teaching staff to reinvent course content for online delivery.
- Mentored student group during the class-culminating Capstone design project.
- Supervised and supported in-class workshops and hands-on exercises.

PROJECTS

SPOTIFY MIGRATOR SPOTIFY API, APPLE MUSIC API, PYTHON, GITHUB

- Built a Python application to move user metadata from Apple Music to Spotify.
- Extracts a user's playlists from Apple Music and creates identical copies of those playlists in the user's Spotify account.

SURF REPORT ANALYZER SURFLINE API, PYTHON, GITHUB

- Built a Python application to recommend beaches based on "surf-ability."
- The app takes in the user's location, analyzes nearby beaches, and tells the user which beach will have the largest waves that day.

BOBBYROUSE.IO HUGO, JAVASCRIPT, NETLIFY, GITHUB

- Built and deployed a personal website built in the Hugo framework.
- Added custom Javascript functions to increase interactivity.

AWARDS

Pitt Design Expo (Fall 2019):

- Overall Winner
- Section Winner
- Most Creative Award

Pitt Big Idea Competition 2020 Finalist (Top 25 of 80+ teams)

2018 American Invitational Mathematics Examination (AIME) Qualifier