Robert Rouse

bobbyrouse.io | github.com/bobbyrouse | www.linkedin.com/in/robert-rouse
617.820.8136 | robert.rouse@pitt.edu

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

BOSTON LATIN SCHOOL
Grad. May 2018| Boston, MA
NHS Member, Cross Country Captain

SKILLS

PROGRAMMING LANGUAGES
C/C++ • Java • Python • Swift • HTML • CSS • JavaScript • React.js • Node.js • Arduino • SQL • Git • Jupyter • LaTeX

PRODUCT
Human-Centered Design • User Research • Rapid Prototyping • A/B Testing • Jira

DESIGN
Figma • Adobe XD • Adobe Photoshop • Adobe Illustrator • Adobe Dimension

BUSINESS
Roadmapping • Financial Valuation • Market Analysis • SEO • Email Marketing

AWARDS

Pitt Design Expo:
- Overall Winner (1/98)
- Section Winner (1/7)
- Most Creative Award

Big Idea Competition Finalist (Top 25/85)
AIME Qualifier (2018)

ACTIVITIES

Project Manager - Pitt Robotics (2018-20)
Campaign Manager - YOUR Slate (2020)
Analyst - Panther Equity (2018-20)

INTERESTS

Surfing, Running, Life-changing Tech

EXPERIENCE

UBS Product Manager Intern
Jun 2021 - Present | New York, NY
- Owned ideation, planning and execution of prototype to automate auditing process, resulting in $250k annual savings per team implementation.
- Led user outreach and testing to verify design at key checkpoints.

UNIVERSITY OF PITTSBURGH Software Engineer Intern
Jan 2021 – Jun 2021 | Pittsburgh, PA
- Developed application (Swift, AWS Amplify) that allows glaucoma patients to monitor their intraocular pressure and track effectiveness of medical treatment.
- Conducted user interviews and research to define feature prioritization, decreasing time to create MVP by 35%.

FOODLE Product Lead and Co-Founder
Oct 2019 - Jun 2021 | Pittsburgh, PA
- Conceived, prototyped and designed a single-component, reusable container meant to be taken on-the-go and replace current reusable food containers.
- Conducted 120 interviews of target users and experts during the early development stages to improve upon and verify our design.
- Directed extensive user testing round from Sept. 2020 - Nov. 2020 to optimize our design in preparation for Q1 2021 product launch.

CLASSROOM TO COMMUNITY Program Manager
Jan 2020 – Present | Pittsburgh, PA
- Standardized recruitment process for the lab, resulting in a 130% increase in lab membership.
- Created bootcamp program to teach new teams essential design skills and to validate new projects, leading to 40% increase in number of active teams.
- Oversaw initiative to expand lab across entire university, which welcomed lab members from 3 new schools and 11 new departments.

UNIVERSITY OF PITTSBURGH Teaching Assistant, Art of Making
Dec 2019 – Present | Pittsburgh, PA
- Headed teaching staff initiative to reinvent all course content for online delivery.
- Mentored student groups for semester-long Capstone design project.

DEDHAM PUBLIC SCHOOLS Information Technology Intern
May 2019 – Aug 2020 | Dedham, MA
- Prepared and distributed 230 staff computers and over 500 Chromebooks for students (grades 7-12), allowing for a seamless transition to online learning.

PROJECTS

SPOTIFY MIGRATOR Python, Spotify API, Apple Music API
- Built a Python application to move user metadata from Apple Music to Spotify.

TWITTER SENTIMENT ANALYZER React.js, Python NLTK
- Developed an application that determines the sentiment and whether a tweet is political or not utilizing a Python NLTK machine learning model.