

# MAYA PANDURANGAN



## /EDUCATION

**Carnegie Mellon University**  
*B.S. in Information Systems,*

**Pittsburgh, PA**  
*May 2022*  
*GPA: 3.2*

## /ENGINEERING EXPERIENCE

**Research Intern - DARPA Subterranean Challenge Explorer**

MAY 2019 - AUG 2019

- Worked with various sensors to capture data (audio, rssi, visual) for autonomous robot using Python and ROS systems
- Experimented with kalman filters and bluetooth rssi signals to locate nearby bluetooth devices

**Software Engineer - PrivacyIO Research Project**

JAN 2019 - APR 2019

- Developed web applications to parse and visualize information from polling data

## /CREATIVE EXPERIENCE

**Graphic Designer - TartanHacks**

JUN 2019 - PRESENT

- Designing branding for largest hackathon at CMU
- Coordinating with technical team to design event website and create assorted promotional content

**Operations Committee - CMU Technical Opp's Conference**

MAY 2019 - PRESENT

- Leading communications with businesses (parking, catering services, shipping) to plan largest campus career fair

**Graphic Designer - TechTogether Boston**

JUN 2017 - SEPT 2018

- Rebranded organization and made thoughtful design choices to express the organization's commitment to supporting women in tech
- Illustrated graphics and designed content for social media

**Curriculum Developer - ProjectCSGIRLS**

AUG 2017 - MAR 2018

- Created CS workshops for middle school girls to introduce them to different fields in tech

## /PROJECTS

**Onwards - Term Project for Fundamentals of Programming**

NOV 2018 - DEC 2018

- Developed algorithms for dynamic feature generation of interactive landscapes and characters using Python, Panda3D, and Blender

**Alafair - Final Project for Intro to 3D Animation**

FEB 2019 - MAY 2019

- Created animated clip and took character through animation pipeline
- Designed, sculpted, remeshed, uv mapped, rigged, and animated clip

## /CONTACT

**Portfolio:**

<https://mayap.design>

**Email:**

[mpandura@andrew.cmu.edu](mailto:mpandura@andrew.cmu.edu)

**Phone:**

(732) 772 - 5866

**Status:**

US Citizen

**23 Boxwood Circle**

Edison, NJ, USA 08820

## /SKILLS

**Programming Languages:**

- Python
- C
- ROS
- HTML
- CSS
- JavaScript

**Software:**

- Solidworks CAD
- Autodesk Maya
- Adobe Photoshop, XD, ID
- Microsoft Excel

## /COURSEWORK

Fundamentals of Programming  
Princ. of Imperative Computation  
Princ. of Functional Prog.  
Design Fundamentals  
Design for IoT  
Great Ideas in Theoretical CS  
Intro. to Probability Theory  
Concepts of Mathematics  
Matrices/Linear Transformations  
Intro to 3D Animation