MAYA
PANDURANGAN

M.P

/EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
B.S. in Computer Science, Minor in Animation   *May 2022*
3.2 GPA

/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

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Status:
US Citizen

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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