Shalini Rao

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EDUCATION

CARNEGIE MELLON UNIVERSITY, Pittsburgh, PA   *May 2022*
BS in Information Systems, Additional Major in Human Computer Interaction
Relevant Coursework: Database Design and Development, Introduction to Computer Systems, Principles of Imperative Computation, Application Design and Development, Information and Grid Design, Role of Technology in Learning, Interaction Design Overview

NORTHWOOD HIGH SCHOOL, Irvine, CA   *June 2018*
Graduated with High Honors with a GPA of 4.21

SKILLS

- Microsoft Office (Excel, Word, Powerpoint)
- PostgreSQL, C, Python, Object Oriented Programming, Java, R
- Ruby on Rails, React, HTML5/CSS, Javascript
- Adobe Creative Suite, Figma, Principle

PROJECTS

Creamery Management Application   *2020*
- Built an application to manage ice cream stores, add/remove employees, and assign shifts
- Implemented with SQLite3, Ruby on Rails and React

Disease Data Visualizer   *2019*
- Created a model for the spread of disease, given infection rates and population density
- Implemented with Python (Numpy), Node, differential equations, and linear transformations

Keyboard Dance Game   *2018*
- Developed a beats tracking algorithm to create a tempo tracking game
- Implemented with Pygame, PyAudio, and Sprites

Model Smart Home   *2017*
- Built an embedded system to improve human computer interaction at home
- Implemented with Linux, Python, and various I/O hardware

WORK EXPERIENCE

ENTRE, *Pittsburgh, PA*   *May 2019—August 2019*
UI/UX Design Intern
- Used Figma to create the user interface for a web-based application meant to streamline the business ideation and creation processes, designed screens for the multiple software components, created graphics
- Integrated the company's goals and mission to make the most user-friendly interface possible

CYLAB, CARNEGIE MELLON UNIVERSITY, *Pittsburgh, PA*   *June 2019—Present*
Partnership Development Intern
- Help prepare for sponsor and partnership meetings and provide support in event preparation and planning
- Manage and update partner database and alumni network in Salesforce