

ROY XU

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EDUCATION

Carnegie Mellon University

Bachelor of Science in Information Systems

📅 Class of 2021

📍 Pittsburgh, PA

Additional Major in Human-Computer Interaction

Minor in Computer Science

GPA: 3.78/4.0

Dean's List: 2017 - present

EXPERIENCE

GoDaddy

Software Engineering Intern

📅 May 2020 – Aug 2020

📍 Remote

📅 May 2019 – Aug 2019

📍 Sunnyvale, CA

- Implemented COVID-19 related features for GoDaddy eCommerce – React, Ruby on Rails, MySQL.
- Improved shipping configuration flow for GoDaddy On-line Store merchants to assist with their store setup.
- Enabled preferred delivery schedule and product level shipping configuration for everyday entrepreneurs.

Vezzy

Software Engineer

📅 May 2018 – Aug 2018

📍 Atlanta, GA

- Developed Vezzy, Emory University's marketplace app with over 1.7k downloads - React Native, Firebase.
- Resolved performance issues and implemented features such as Geo-location Search prior to launch.

TEACHING

15-110: Principles of Computing

Teaching Assistant

📅 Sept 2018 – May 2019

📍 Pittsburgh, PA

- Taught introductory CS concepts - programming in Python, data structures, abstractions in computing.

HONORS & AWARDS

- GoDaddy Hackathon – Best Customer Innovation Hack
- Hack112 (CMU) – Best OpenCV Hack
- Margaret Williams Mathematics Prize

PROJECTS

GoDaddy Hackathon

Summer 2019

- Created a domain leakage visualization panel to analyze cart leakage information – SQL, Python, Flask, React, Highcharts.
- Identified possible leakage sources to achieve better regional domain pricing.

Cartpal

Spring 2019

- Designed and developed Cartpal, an iOS app digitizing brick-and-mortar shopping experience – React Native, Scikit-learn, Firebase.
- Aggregated user data from shared shopping lists for better product recommendations.

PyBookLib

Fall 2018

- Developed a book recommendation web-app, suggesting reading lists to users based on categories and ratings of previously read books – Flask, Scikit-learn, NumPy.

StackJump

Spring 2018

- Created a Stack Jump game with an AI avatar that learns to jump over incoming obstacles – Pygame, Tkinter.

PySnap

Spring 2018

- Created a light-weight image processing program with built-in masks and filters – OpenCV, Pillow, NumPy, Tkinter.

SKILLS

Programming

Python, JavaScript, Ruby, SQL
C, OCaml, R, HTML & CSS

Tools & Frameworks

React, Redux, Ruby on Rails, Node.js
Firebase, MongoDB, MySQL, Django, Git

Product Design

Figma, Balsamiq, Sketch, InVision

LEADERSHIP

- Lambda Sigma National Honor Society
– Vice President
- CMU Idea to Startup
– Organizer & Mentor
- Undergraduate Entrepreneurship Assoc.
– Executive Board Member