

# ROY XU

🌐 royxu.me   @ royxuhan@gmail.com   ☎ 215-796-5260   in royxu1029   📍 royxuhan

## EDUCATION

---

### Carnegie Mellon University

#### Bachelor of Science in Information Systems

📅 Expected: May 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

- Expanded functionality of GoDaddy eCommerce packages to address COVID-19 related challenges - React, Ruby on Rails, MySQL.
- Contributed major components to the company framework, improving shipping configuration flow for Online Store merchants to assist with onboarding.
- Enabled preferred delivery schedule and product-level shipping configuration for everyday entrepreneurs.

### Carnegie Mellon University

#### 15-110 Teaching Assistant

📅 Sept 2018 - May 2019   📍 Pittsburgh, PA

- Taught introductory CS concepts - programming in Python, data structures, abstractions in computing.
- Hosted weekly office hours, recitations, and small group sessions.

### Vezzy

#### Cofounder

📅 May 2018 - Aug 2018   📍 Atlanta, GA

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

## PROJECTS

---

### GoDaddy Hackathon

Summer 2019

- Created a domain pricing 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.

## COURSEWORK

---

Distributed Systems

Parallel Data Structures and Algorithms

Computer Systems

Functional Programming

Principles of Imperative Computing

Database Design and Development

Web Application Development

Mobile Application Development in iOS

Interaction Design

## LEADERSHIP

---

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