ROY XU

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fontawesome academicons

EDUCATION

Carnegie Mellon University
Bachelor of Science in Information Systems

📅 May 2021   📍 Pittsburgh, PA

Additional Major in Human-Computer Interaction

Minor in Computer Science

GPA: 3.80/4.0 | University Honors

EXPERIENCE

GoDaddy
Software Engineer

📅 June 2021 – present   📍 Santa Clara, CA

- Led the migration of GoDaddy Online Store's Rails back-end onto AWS Lambda and DynamoDB.
- Designed and implemented Catalog and Inventory APIs consumed by internal teams and external customers.
- Set up and maintained CI/CD pipelines using self-hosted AWS runners with GitHub Actions integrations, streamlining the development and deployment process.
- Developed and maintained GoDaddy Online Store, including bug fixes and performance improvements.

Software Engineer Intern

📅 May 2020 – Aug 2020   📍 Remote
📅 May 2019 – Aug 2019   📍 Sunnyvale, CA

- Improved shipping configuration flow for merchants to assist with onboarding and store set-up.
- Enabled product-level shipping configuration and preferred delivery schedule for everyday entrepreneurs.

Carnegie Mellon University
15-110 Teaching Assistant

📅 Sept 2018 – May 2019   📍 Pittsburgh, PA

- Led weekly teaching sessions for CS course in Python, with emphasis on data structures.

Vezzy
Cofounder

📅 May 2018 – Dec 2018   📍 Atlanta, GA

- Led a team of 5 through ideation and development of Vezzy, an iOS marketplace app for college students.
- Achieved a milestone of over 2.4k downloads on the App Store and over 300 daily active users.

PROJECTS

Cartpal   Spring 2020

- Designed and developed Cartpal, a shared shopping list app – SwiftUI, MongoDB.
- Aggregated user data from shared shopping lists for product recommendations.

GoDaddy Cart Leakage   Summer 2019

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

PyBookLib   Fall 2018

- Developed a book recommendation web-app – Flask, Scikit-learn, NumPy.
- Suggested books to users based on ratings of previously read books.

StackJump   Spring 2018

- Created a Stack Jump game with customizable avatars who can learn to jump over obstacles – Pygame, Tkinter.
- Won Best Game Award for course 15-112: Fundamentals of Programming.

COURSEWORK

Parallel Data Structures and Algorithms

Computer Systems (C)

Functional Programming (SML)

Principles of Imperative Computing

Database Design and Development (Ruby)

Web Application Development (React)

Mobile Application Development (Swift)

SKILLS

Programming Languages

JavaScript, Python, Ruby, Swift, C

Tools + Frameworks

React, Node.js, Rails, Django, SwiftUI

AWS Lambda/DynamoDB, MySql, MongoDB