

Christopher Coyne

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EDUCATION

Columbia University

M.S. in Computer Science, GPA: 3.66/4.0

New York, NY

Expected May 2022

Relevant Courses: Intro to Java, Data Structures, C/C++, Natural Language Processing, Intro to Databases, Cloud Computing, Analysis of Algorithms

Columbia University

B.A. in English, GPA: 3.67/4.0

New York, NY

May 2020

TECHNICAL SKILLS

Languages: Python, Javascript, C, Java, HTML5/CSS, SQL

Frameworks and Libraries: React, Redux, Flask, Node

Other Tools: AWS, GraphQL, Relational Databases, Postman, Github/Git, Adobe Illustrator, Adobe XD, Sketch

PROJECTS

Professor Review Site

Aug 2021 – Present

- Displays over 1000 professor and course reviews scraped from Columbia's University's old course review site with Beautiful Soup, stored in Amazon RDS using PostgreSQL
- Interface developed with React, Redux and React-Bootstrap, backend server uses server Node.js and Express framework
- Visualizes word frequency of reviews and course/professor popularity with D3.js

AWS ChatBot

Jan – Feb 2021

- Class project for Big Data and Cloud Computing
- Uses AWS Lex chatbot service to respond to user queries with different restaurant information taken from Yelp API
- Data is stored in DynamoDB and Elasticsearch services

PROFESSIONAL EXPERIENCE

Promazo

New York, NY

Software Developer

Jun 2021 – Present

- Add new data display pages in admin dashboard using React and Redux
- Detected and fixed errors in database operations and added changes to schema using GraphQL and AWS amplify
- Create new REST endpoints for backend with API Gateway and AWS Lambda
- Work with QA tester to identify and record bugs and create new test cases for features

Affinity Solutions

New York, NY

Creative Intern

Jun 2018 – Aug 2018

- Designed interactive wireframes with Sketch for new website designs and presented to head of creative and frontend developers
- Performed usability tests to iterate on and improve design considerations
- Conducted competitive analysis of log in and verification methods of popular websites in order to suggest design improvements

EXTRACURRICULARS

Columbia Daily Spectator

New York, NY

Product Designer

Spring 2018 – Fall 2020

- Worked with fellow product designers to redesign interface of The Shaft, a web app used by three quarters of Columbia undergraduates to find housing
- Constructed personas, user flows, and information architecture of new products while discussing technical limitations with web developers
- Designed new page layouts for Columbia Daily Spectator articles with Adobe XD and Sketch
- Trained new product designers in Adobe Suite and lead them through mock exercises