

Justin Kwong

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EDUCATION

Rensselaer Polytechnic Institute
Bachelor of Computer Science

August 2019 - Expected December 2022

TECHNICAL SKILLS

Languages	Python, JavaScript, Java, C++, C, C#, HTML/CSS
Frameworks	React, Bootstrap, Flask, Node.js, Express
Tools	Git, Linux, SQL, NoSQL, Figma, Agile/Scrum, Kubernetes

EXPERIENCE

JPMorgan Chase & Co.

June - August 2022

Software Engineering Intern

Wilmington, DE

- Engineered dashboard application with 3 team members using TypeScript and GraphQL to display detailed views of microservice runtime configurations and anomalies
- Presented key application information in a user-friendly, accessible manner and greatly reduced drill down time necessary to access production incident configurations for end-users
- Gained end-to-end understanding of agile software development life cycle with use-case analysis, application design/testing, and deployment using Kubernetes

Moog Inc.

October - December 2021

Computer Science Intern

East Aurora, NY

- Developed Python desktop application used to scrape company work order data sets and automate essential computations with OpenPyXL and Tkinter, assisting with quality assurance and significantly decreased non-conformance rates of company manufactured parts
- Coordinated and communicated with project managers to streamline application design for hundreds of product end-users

PROJECTS

Animal Rescue @ Code for Good | *Flask + Python + React*

October 2021

- Developed platform with 2 team members for non-profit that dynamically parsed and categorized organization's animal shelter data sets, catering to a wide range of end-users
- Led development of REST API by cleaning/packaging over 14000+ rows of data with Pandas library, handling endpoints of back-end Flask server, and piping data to front-end

What's The Wave | *MongoDB + React + Node.js*

June - August 2021

- Headed agile development of MERN social event creation React application in a group of 5
- Managed full-stack development by defining user-data schema in MongoDB back-end and parsing data with Axios in front-end
- Spearheaded user interface design with fully functional Figma prototype and implementation with React components

Project Mirrur @ HackRPI - Wolfram Award Winner | *Python*

November 2019

- Collaborated with 3 team members to create a natural language processing SMS chatbot with Python to identify pre-depressive and hopeless language
- Integrated SMS chat functionality with Twilio's REST APIs and formulated 3 sentiment analysis tests to track keywords in chat messages sent to the back-end with Google Cloud's Natural Language API