Evann J. Wu

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EDUCATION

CARNEGIE MELLON UNIVERSITY – Pittsburgh, PA   May 2021
- **Major:** Electrical and Computer Engineering – *Bachelor of Science*
- **Relevant Coursework:** Computer Vision, Computer Graphics, Parallel and Sequential Data Structures and Algorithms, Secure Software Systems, Embedded Systems, Distributed Systems

WORK EXPERIENCE

Yext – Arlington, VA   June 2021– Current
Software Engineer
- Developing Yext Sites backend using technologies such as Kafka, Docker, Kubernetes, gRPC, and GCP
- Released critical Handlebars.js templating functions for Sites developers to use to construct their webpages
- Rearchitected live preview system to run 26,000% faster

Microsoft – Cambridge, MA   Summer 2020
Software Engineering Intern
- Worked with a team of interns to design and develop a suite of features to reduce digital fatigue for Microsoft Teams meetings. Designed and developed the in-meeting chat notification component for Teams meetings
- Used Apollo to handle backend chat message data and React and Typescript to develop the frontend UI
- Released in-meeting chat notification to core customers for feedback and iterated designs based on data collected from thousands of users

IBM – Durham, NC   Summer 2019
DevOps Intern
- Developed localization pipeline for Zowe and Z Open Editor VS Code extension. This included writing scripts using Gulp and JavaScript to automate process of string externalization and updating the translation platform
- Enabled 1000+ users to use Zowe VS Code extension in their native languages

General Electric – Cincinnati, OH   Summer 2018
Engineering Intern
- Developed software tool in C# to compare and visualize build data, which eliminated build path errors as well as decreased debugging time for build related errors by an estimated 50%. The CLI version of the tool was added into the integration test suite. Decreased debugging time due to both automating identification of build path differences and creating visualizations to quickly determine issues with the path generation algorithm
- Designed and constructed data acquisition tools to collect thermal and visual data. Collaborated with suppliers to maintain design specifications and pitched laser safety system to a board of senior engineers

PROJECTS

Anti-Youtube Website
- Built a video streaming website with social media features using Django, Ajax techniques, and custom CSS styling.
- Used OAuth and Youtube API to create login and pull video information

Intern Onboarding Website for IBM Human Resources Department
- Developed an intern onboarding website using React and Bootstrap, with a Flask backend connected to a Db2 database

Professor Doppelganger Finder
- Developed a website that used Microsoft Azure cognitive services Face API and web scrapping to find the CMU professor that looked the most like the user

ADDITIONAL INFORMATION

- **Proficient Languages:** Python, C, C++, Java, Golang, TypeScript, HTML, CSS, SQL, Django, React
- **Skills:** Parallel Computing, Distributed Systems, Computer Security, Agile
- **Awards**: National Merit Scholarship Finalist – 2017, Dean's List – Fall 2017
- **Certifications**: IBM Agile Practitioner Badge, IBM Design Thinking Badge