

Evann Wu

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EDUCATION

Carnegie Mellon University

Pittsburgh, PA | May 2021

B.S. ELECTRICAL AND COMPUTER ENGINEERING

Relevant Courses: Computer Graphics, Computer Vision, Data Structures and Algorithms, Distributed Systems, Embedded Systems, Machine Learning, Secure Software Systems

WORK EXPERIENCE

YEXT | SOFTWARE ENGINEER

Arlington, VA | Jun 2021 – Present

- Developing Yext Sites backend in **Golang** using technologies such as **Kafka**, **Docker**, **Kubernetes**, and **etcd**
- Implemented schema storage solution across multiple regions and cloud providers such as **AWS S3** and **GCP Storage**
- Rearchitected live preview system to run 2,600% faster using pool of running containers in **Kubernetes**
- Participated in taskforce to migrate jobs to **Nomad** workload orchestrator

MICROSOFT | SOFTWARE ENGINEER INTERN

Cambridge, MA | Jun 2020 - Aug 2020

- Worked with a team of 8 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 query 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 | SOFTWARE ENGINEER INTERN

Durham, NC | May 2019 – Aug 2019

- 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

PROJECTS

AUTOMATED LIP SYNCHER

PYTHON, PYTORCH, CNN

Developed a lip syncher that animates mouth movements based on real-time speech input. Created phoneme dataset based off Common Voice dataset and trained convolutional neural network to classify phoneme from audio input

ANTI-YOUTUBE WEBSITE

HTML, CSS, DJANGO, AJAX

Built a video streaming website with social media features using Django, Ajax techniques, and custom CSS styling. Integrated OAuth and used Youtube API to pull video information

PROFESSOR DOPPELGANGER FINDER

PYTHON, AZUZE, COMPUTER VISION, WEB SCRAPING

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

SKILLS

Languages: Golang, Python, C, C++, Bash, Java, SQL

Web Development: React, JavaScript, TypeScript, HTML/CSS, Ajax, Apollo, GraphQL

Technology: Git, AWS, GCP, Azure, Docker, Kubernetes, Kafka, RabbitMQ, Terraform, Nomad, gRPC