Morgan Oh

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EDUCATION

Vanderbilt University
B.S. in Computer Science | May 2021

The University of North Carolina at Chapel Hill
B.S. in Computer Science | August 2015 - May 2016

LANGUAGES/TOOLS
Python, JavaScript, Java, C++/C
Git, React, Node.js

EXPERIENCE

JPMorgan Chase & Co, *Software Engineer Intern*   *Summer 2020*

- Virtualized an educational workshop for the nonprofit, Choices Education Group, that facilitates over 38K students at 60 locations as the non-profit moved to a virtual delivery model
- Built a frontend and **RESTful API integration** to create users' goals, with **React/React Bootstrap** on MySQL and EC2
- Gathered requirements on Jira and collaborating with team to craft Balsamiq wireframes

Microsoft, *Software Engineer Intern*   *Summer 2019*

- Demonstrated the newest Microsoft HoloLens 2 can live-stream demos by using its first-person perspective view and one-person controlled application
- Revamped Microsoft's HoloLens Universal Windows Platform application to add **API integrations** that accommodated with new and improved device
- Documented and escalated bugs in HoloLens that reduced quality of video stream prior to public release

Microsoft, *Software Engineer Intern*   *Summer 2018*

- Customized a data-exchanging service within Microsoft Dynamics 365, an enterprise customer service management platform
- Developed a service that accesses clients' custom widgets in Dynamics platform, using **TypeScript** and **React/Redux**
- Designed and implemented functionality with accessibility in mind so any client would have the same experience

JPMorgan Chase & Co, *Software Engineer Intern*   *Summer 2017*

- Delivered a proof-of-concept search engine my team could incorporate into their Post Trade dashboard to ease the access of transaction trades for stocks
- Created a service to train transaction models using Apache OpenNLP library
- Developed a natural language-based engine in **Java** to add transaction search functionalities

Bank of America, *Technical Business Analyst Intern*   *Summer 2016*

- Reviewed an existing vendor risk assessment workflow and proposed efficiencies
- Reduced the process' time by 20% which yielded an approximate savings of $350K per year

SIDE PROJECTS

Learn with Morgan, *YouTube channel teaching handy technical skills for interns*   *July 2020 - Current*

JPMorgan Chase & Co Code for Good 2016 Hackathon in Brooklyn, New York, *1st place in hackathon*

LEADERSHIP/COMMUNITY INVOLVEMENT

Through my community involvements, I empower other women by facilitating mentorship opportunities, technical workshops, and leading diversity & inclusion initiatives to assist students to attend the Grace Hopper Conference.

Vanderbilt Women In Computing, *GHC Travel Fund Director*   **she++ ambassador**
VandyHacks, Sponsorship Committee Member