Timothy Kim

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EDUCATION

Sept 2018 - Dec 2021

University of Michigan | Ann Arbor, MI
School of Literature Science and the Arts
Candidate for Bachelor of Science in Computer Science
GPA: 3.45 - *University Honors Fall 2019*

Relevant Coursework
Data Structures and Algorithms, Discrete Math, Foundations of Computer Science, Introduction to Computer Organization, Software Engineering, Web Systems, User Interface Development, Mobile App Development for Entrepreneurs, Digital Product Design, Introduction to Artificial Intelligence

Sept 2015 - June 2018

Bergen County Academies | Hackensack, NJ

EXPERIENCE

Summer 2021
Software Development Engineer Intern

Expedia Group | Datahub Team | Austin, TX
- Built a web application that visually analyzes the quality of collected metadata entries, enhancing data management for the *Datahub* team using React, Elasticsearch, and GraphQL
- Developed new features and UI designs, and debugged the team's core application
- Contributed in UI design meetings to improve the core application's usability for the stakeholders

Nov 2019 - Present
Tech Consultant

University of Michigan Information and Technology Services | Ann Arbor, MI
- Provided technical support to customers, troubleshooting hardware and software issues
- Managed network devices and technical equipment deployed at the university facilities

Summer 2019
Client Development Intern

Richard Fleischman and Associates | New York, NY
- Overhauled the firm's client *ConnectWise* database by prioritizing the Microsoft Windows 10 operating system upgrade and migration projects
- Engaged in meetings to identify and isolate technical issues and limitations regarding the application of the Windows 10 OS upgrades
- Collaborated with the client development team in strategic planning, setting short and long term business objectives

PROJECTS

Grandma's Recipes | Full-stack web application, wiki-style recipe forum
- Built client-side application using React and CSS
- Constructed back-end and REST API endpoints using Python and Firebase

Mumble | Open source, low-latency, high quality, voice chat application
- Implemented a feature that allows for users to listen to specific voice channels with custom hotkeys using C++

SKILLS
- Industry Experience: React, Typescript, CSS, Elasticsearch, GraphQL, Git
- Programming Languages: C++, Python, Javascript, C, Swift
- Tools: Bash, Figma, Node.js, SQL, AWS, Firebase, REST, Flask