

Tim Cho

✉ timcho@umich.edu

☎ +1 (734) 881-3168

📍 Ann Arbor, MI

<https://github.com/tcho0501> 
<https://www.linkedin.com/in/tim-cho> 

EDUCATION

University of Michigan

Apr. 2022

Bachelor of Engineering in Computer Science and Data Science | GPA: 3.74/4.00

Ann Arbor, MI

- **Courses:** Data Structures and Algorithms, Web Systems, Software Engineering, Database Management Systems, Computer Security, Linear Algebra, Applied Regression Analysis

WORK EXPERIENCE

HubSpot

Jun. 2021 – Aug. 2021

Incoming Software Engineer Intern

Cambridge, Massachusetts

Altitude Labs

Aug. 2020 – Nov. 2020

Software Engineer Intern

Hong Kong SAR, China

- Collaborated with 4 product designers and developers to create university survey website that allows users to compare their financial/accounting information to local and global respondents (Website: <https://www.homewise.design>)
- Strategized with 3 product designers to create application blueprint to satisfy business goals and enhance UX
- **Technologies used:** React.js, Redux, Node.js, PostgreSQL, AWS

Deloitte Digital

Jun. 2020 – Aug. 2020

Software Engineer Intern

Hong Kong SAR, China

- Developed configurable token-based authentication system with RedisDB caching to improve phone number verification for consumer mobile application (Java Springboot, Heroku, PostgreSQL)
- Architected and developed API routes to process ~1000 requests daily, allowing customers to efficiently opt-out from SMS messages from the client
- **Technologies used:** Java Springboot, Heroku, PostgreSQL, RedisDB

LEADERSHIP EXPERIENCE

The Michigan Daily

Nov. 2019 – November 2020

Director of Web Team & Product Manager

Ann Arbor, MI

- Oversaw the work and goals of 30+ software engineers and UI/UX designers in pushing out digital products
- Managed group of 5 product managers to regularly push out features in gradeguide.com and TMD mobile app
- Mentored group of 5 new developers to create personalized sites for other news sections
- **Technologies used:** React.js, Flask, Google Firebase, AWS

SKILLS

- **Programming Languages:** C/C++, JavaScript, Python, SQL, Java, Bash, Go, Swift, MongoDB
- **Tool and frameworks:** Git, Node.js, React.js, AWS, MATLAB, Microsoft Office