ADAM KIM

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EDUCATION

UNIVERSITY OF MICHIGAN   Ann Arbor, MI
College of Engineering
Bachelor of Science in Engineering, May 2022
- *Major*: Computer Science
- *GPA:* 3.32
- *Relevant coursework*: Data Structures & Algorithms, Intro Operating Systems, Web Systems, Database Management Systems
- *Languages:* C++, C, Java, Python, JavaScript, SQL, HTML/CSS

EXPERIENCE

Summer 2021   **AMAZON (comiXology)**   New York, NY
SDE Intern
- Designed, prototyped, and delivered a customer-facing feature to display more informative product titles on comiXology's platforms using *Java Spring Boot* and Amazon's proprietary query language
- Verified the feature's integrity via extensive unit testing, resulting in ~98% code coverage
- Performed all preparations for an eventual rollout to customers including configuring metrics dashboards, launching A/B testing, deploying to production, and writing detailed documentation for this feature

Winter 2021   **INVOICE MAKER, LLC**   Detroit, MI
Web Development Intern
- Spearheaded development of an end-to-end testing suite with *Cypress*, reducing regressions per deployment from ~2 to ~0
- Introduced code-splitting across the site, ensuring users only download the necessary code bundles as they navigate the site and reducing the initial page load latency by ~15%
- Designed and implemented many features with *React* to cater towards user needs

PROJECTS

Fall 2020   **MICHIGANTIME**   Ann Arbor, MI
Personal Project
- Created a schedule building tool with *React* to help University of Michigan students plan out their semester schedules more efficiently, used by over 1000 students during the Winter 2021 registration period

2020-2021   **HACK4IMPACT**   Ann Arbor, MI
Technical Lead
- Led weekly coding sessions for a team of 5 developers to solve technical challenges presented by non-profit organizations

Fall 2019   **UM::AUTONOMY**   Ann Arbor, MI
Dock Detection Sub-team Member
- Optimized old 'dock' object detection algorithms in *C++* using segmented data from LiDAR point clouds, improving 'dock' detection accuracy by ~10%

ADDITIONAL

- Principal Double Bassist in UofM Campus Symphony Orchestra
- Hobbies: freelance musical gigs, creating and selling original graphic art designs