William Zhang

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EDUCATION

Cornell University   **Ithaca, New York**
Bachelor of Arts, Computer Science & Economics; Dyson Business Minor   *Expected May 2025*
GPA: 3.7
Relevant Coursework: Algorithms, Object-Oriented Programming, Discrete Structures, Computer Systems Organization, Functional Programming, Machine Learning, Databases, Game Theory, Urban Economics

Yonsei University   **Seoul, South Korea**
International Summer Program   *May - August 2023*
GPA: 4.0
Coursework & Research: Computer Graphics, Korean I, Accounting Information Systems and Data Analytics

RELEVANT EXPERIENCE

Cornell University Design Tech Initiative   **Ithaca, NY**
Technical Product Manager   *October 2021 - Present*
- Led a team of designers, developers, and business analysts to implement a university-wide course review web application used by over 2,300 students a month, increasing web traffic by 41% and new reviews by 13%.
- Planned product roadmap using an agile, spring-based timeline, conducted user research and directed weekly stand-ups.
- Migrated to Microsoft authorization for Cornell administration to access Azure identity management and automated emailing procedures using Graph API, resulting in an 86% reduced time in time spent on group creation and management for over 1,000 students.

Association of Computer Science Undergraduates   **Ithaca, NY**
President   *September 2021 - Present*
- Led communication and allocated budgets of $10,000 between 6 different sub-teams with over 40 officers to facilitate academic, social, and professional programming for over 500 general body members and the greater Cornell community
- Proactively partnered with corporations to secure sponsorships and academic personnel to organize and execute research events, faculty luncheons, informational sessions, workshops, formals, socials, and other initiatives.

Cornell University - Web Development, Financial Accounting   **Ithaca, NY**
Teacher Assistant, Learning Strategies Center Tutor   *January 2022 - December 2022*
- Responsible for grading work, revising lecture materials, and creating interactive in-class code demonstrations.
- Conducted office hours, providing one-on-one support to over 300 students with weekly assignments, subject mastery, and group projects.

Pupil   **Boston, MA**
Software Engineer Intern   *May 2022 - October 2022*
- Improved developer productivity by overhauling the legacy codebase with a more developer-friendly file structure with modular components, standardizing backend code, and writing custom server scripts.
- Integrated secure encrypted user authentication utilizing NextAuth, enhancing the NUX (new user experience), and developed user profiles page and core user matching capabilities.

China Delight   **Bel Air, MD**
Software Engineer   *March 2020 - June 2021*
- Developed and deployed an responsive online ordering platform on Digital Ocean with PayPal checkout to boost online traffic, which resulted in over 13,000 orders and $312,000 in sales after launch.
- Analyzed data on MongoDB to find trends of most popular items, peak seasons, and trends in customer experience.

ADDITIONAL INFORMATION

Programming Languages: Javascript/Typescript, HTML/CSS, C, OCaml, Python, Java, SQL, R
Technologies: ReactJS, NextJS, MongoDB, Firebase, Figma, Express, Node, Git, RESTful APIs, HTTP Protocols, Postman, Insomnia, Digital Ocean, Heroku, Azure, Vercel, Microsoft Office, Adobe Suite, Tableau, Pandas, Yarn, NPM, GitHub Workflows