Will Zhang

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EDUCATION

Cornell University **Ithaca, New York**
Bachelor of Arts, Computer Science; Dyson Business Minor *Expected May 2024*
GPA: 3.5
Relevant Coursework: Algorithms, Object-Oriented Programming, Discrete Structures, Computer Systems
Organization, Functional Programming, Machine Learning, Financial Accounting, Business Management

EXPERIENCE

Cornell University Design Tech Initiative **Ithaca, NY**
Technical Product Manager *October 2021 - Present*
- Migrated to Microsoft authorization for Cornell administration to access Azure identity management.
- Implemented automated emailing with Microsoft Graph API, resulting in an 86% reduction in time spent on group creation and management for thousands of students.
- Handled transition of hosting from Firebase to AWS Amplify with CI/CD to enhance the developer workflow
- Managed a team of 8+ developers, maintained code quality, distributed tasks for biweekly sprints, and oversaw the successful deployment of updates to production.

Association of Computer Science Undergraduates **Ithaca, NY**
President *September 2021 - Present*
- Proactively partnered with corporations and academic personnel to organize and execute research events, faculty luncheons, informational sessions, formals, and other initiatives.
- Delegated responsibilities to a team of designers to create graphics for promotions, merchandise, website prototypes, and social events.

Cornell University - Web Development, Accounting **Ithaca, NY**
Teacher Assistant, Learning Strategies Center Tutor *January 2022 - December 2022*
- Responsible for grading work and revising lecture materials and interactive in-class code demonstrations.
- Conducted office hours, providing one-on-one support to over 30 students with weekly assignments, subject mastery, and group projects.

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

China Delight **Bel Air, MD**
Software Engineer *March 2020 - June 2021*
- Boosted online traffic by deploying a modern online ordering platform on a Digital Ocean Droplet.
- Overhauled menu items and orders to MongoDB with metrics to analyze food trends and peak seasons.
- Adapted checkout to utilize Paypal so customers can pay online, garnering more than $50,000 in revenue.

ADDITIONAL INFORMATION

Programming Languages: Javascript/Typescript, HTML/CSS, C, OCaml, Python, Java, SQL
Technologies: ReactJS, NextJS, MongoDB, Firebase, Figma, Express, Node, Git, RESTful APIs, HTTP Protocols,
Postman, Insomnia, Digital Ocean, Heroku, Azure, Vercel, Excel, PowerPoint, Word, Adobe Photoshop