Victor Wu

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EDUCATION

Georgia Institute of Technology   Expected May 2025
BS, Computer Science   *Atlanta, GA*
- Specialization in Artificial Intelligence and People
- Relevant Coursework: Data Structure and Algorithms, Design and Analysis of Algorithms, Computer Organization and Programming

WORK EXPERIENCE

Amazon   May 2023 – August 2023
Software Development Engineer Intern   *Seattle, WA*
- Programmed a Python replication tool for Amazon Robotics to allow for the Match-Item algorithm to be quickly run on real-world input data and save over 10 hours a week.
- Integrated a powerful searching algorithm into the tool, enabling seamless retrieval of specified data from AWS S3 buckets, resulting in a ~90% improvement in time to find the desired information.
- Proactively unearthed and documented data storage issues, drove the implementation of targeted solutions, and subsequently achieved a significant reduction in ambiguity while enhancing data integrity.
- Collaborated with stakeholders to gather requirements, and presented design documents that effectively captured their needs and expectations, ensuring alignment and maximizing the tool's utility.

PROJECTS

Birthday Friends App
- Developing an IOS app to help users remember friends' birthdays using Swift.
- Looking to sync information from various social media apps and contact information into a single application

E-Commerce Store Page
- Developing a fully functional store page with Stripe payment processing and an admin dashboard
- Implementing the front end with React and Redux
- Building the back-end API using MongoDB and Node.js

Personal Portfolio Website (victorjwu.com)
- Built a portfolio website with React and hosted through Firebase onto a Google domain
- Manages multiple states and components along with Parallax Scrolling
- Implemented gsapScrollTrigger side-scrolling

UNIVERSITY LEADERSHIP

GT Vietnamese Student Association
Media Coordinator
- Recruited, interviewed, and evaluated over 10 videographers and photographers
- Led videography and photography for various cultural events
- Created documentation for the migration to Dropbox for storage and communicated with committee members

GT Chinese Student Association
Director of Culture and Media
- Scripted, edited, and designed videos to be uploaded to YouTube and TikTok
- Directed 5 video volunteers for the 2023 CSA Lantern Festival

SKILLS

- **Programming Languages:** Java, Python, Javascript, Typescript, C, Swift
- **Frameworks/Technologies:** React.js, AWS, Docker, Node.js, MongoDB, Express, Next.js, Firebase, GitHub