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David Luu

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EDUCATION

Virginia Tech   **August 2023 - May 2027**
Major: Computer Science
Programming Courses: Introduction to Software Design, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Hackathon Team Coordinator | Remote | Onsite | Blacksburg, VA   **June 2024 - Present**
- Guided an inexperienced team to practice testing raw data with NodeJS and Express, scheduled weekly tickets on the kanban board within Github to divide work for each key member to prepare before the event by reviewing each other pull requests while discovering how to run queries and route handling
- Designed interactive visual models and comprehensive schemas through Figma, streamlining understanding of routing paths; documentation was utilized across three departments, significantly improving inter-team communication and collaboration effectiveness

Receptionist | Onsite | Myrtle Beach, SC   **January 2018 - December 2022**
- Engaged with a diverse customer base, addressing questions and processing orders in two languages; created a welcoming atmosphere that led to a 60% increase in repeat customer interactions over six months.
- Communicated with coworkers and floor managers to create an efficient and safe working environment and clear roles for clean-up and food delivery

SOFTWARE PROJECTS

Degrees of Music   **May 2024 - June 2024**
- Implemented user authentication through Six Degrees of Separation concepts and integrated with RESTful Spotify API, enhancing user engagement through personalized music recommendations.
- Developed a high-performance algorithm using Breadth-First Search to categorize user genres with their top five artists, resulting in a response time of under 2 seconds and enhancing user interaction across the application.
- <u>Technology used and learned</u>: Python, Flask, Spotify API, HTML, and CSS

Travel Tracker   **June 2024 - Present**
- Implementing a web application that allows users to input their "places been" and users will be able to see their visited places in a map, list, and statistics UI
- Worked in a scrum team with three college students and one VT alumni
- <u>Technology used and learned</u>: Express, NodeJS, Google Maps API, Postman API, MySQL, React, Figma

EXTRACURRICULARS

CS Squared   **September 2023 - May 2024**
Member
- Managed projects to help empower young kids to learn Python, learned utilizing React, CSS, HTML and communicated with three officers to help set up practice sessions
- Contributed to team planning to optimize performance for better workflow

SKILLS

Proficient: Java, Python, Flask, NodeJS, Express, React, MySQL, GitHub Actions
Familiar: JavaScript, HTML/CSS, RESTful API, Web API, Figma, MongoDB