Eve Lin
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EDUCATION
University at Buffalo, The State University of New York   Buffalo, NY
Bachelor of Science in Computer Science, GPA: 3.7/4.0, Dean's List   August 2021 – May 2025
Relevant Coursework: Systems Programming, Data Structures and Algorithms, Discrete Structures, Artificial Intelligence, Introduction to Probability, Calculus

PROJECTS
Notetaking App: Web Application for Task Management
- Collaborated with a team of 5 students to use JavaScript, Python, PHP, and SQL to support full-stack (front-end and back-end) functionality, user authentication, and secure database storage
- Developed features for note-taking, task management, and calendar integration to enhance user productivity.

Algorithm Complexities: Equitable Bandwidth Distribution
- Collaborated with a team of 3 students to utilize Breadth-First Search (BFS) and Dijkstra's pathfinding to create a bandwidth distribution model.
- Examined case studies related to internet unfairness and developed an algorithm for equitable bandwidth distribution in simulated environments.

Dog Breed Identifier: Machine Learning
- Collaborated with a team of 3 students to utilize Convolutional Neural Network and VGG-16 network to create a dog breed classifier.
- A foundational system built with an AI model, a PyQt-based GUI for easy user interaction, and a data pipeline to transform images and display results

Real-Time Data in Web Development: Data Visualization
- Created using Python, JavaScript, and HTML to display real-time COVID-19 vaccination data.
- Designed interactive graphs to visualize location-based vaccination trends over time.

WORK EXPERIENCE
Department of Computer Science and Engineering   University at Buffalo, New York
Undergraduate Teaching Assistant   August 2022 – Present
- Prepare training materials and conduct weekly coding lessons for 50-60 students.
- Hold weekly office hours to review Java and Python programming modules for over 30 students.
- Supervise students as an exam proctor and direct necessary testing instructions.

School of Engineering and Applied Sciences   University at Buffalo, New York
Dean's Office Student Assistant   February 2023 – Present
- Collaborate with a team of 10 students to assist the Dean to ensure events run smoothly.
- Undertake leadership in organizing and dismantling conferences and meetings of 30-50 individuals.
- Communicate professionally to cultivate positive relationships to uphold the school's reputation.

Infinity Educational Programs, Inc.   Brooklyn, New York
Web Development and Graphic Design Intern   July 2024 – August 2024
- Utilized Canva for graphic production to visualize digital content for social media and web pages.
- Implemented interactive features using HTML and CSS ensuring compliance for assistive technologies.
- Presented in weekly team meetings to discuss project management and development ideas.

Partea - Flushing   Queens, New York
Cashier and Barista   May 2022 – August 2022
- Ensured a positive work environment by communicating clearly with coworkers and management.
- Managed daily with quality control and balanced cash drawers with amounts from $500 to $1,000.
- Multitasked in a high paced environment while maintaining accuracy with over 30 drink recipes.

LEADERSHIP EXPERIENCE
Fujianese Student Association   University at Buffalo, New York
Performance Chair   August 2023 – January 2024
- Coordinated room booking process and delivered dance workshops for over 20 people.
- Designed flyers for multipurpose social media marketing of the association and dance team.

TECHNICAL SKILLS
Skills: Git, Python, Java, JavaScript, C/C#/C++, PHP, OCaml, HTML/CSS, Wix, Figma, Canva, Jupyter, EdaPlayground, Docker, Flask, NodeJS, MongoDB, MySQL, NumPy, VLSI, Linux, Microsoft Office, Excel, PyQt and PyTorch