Kyle Nakamura

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Objective

Master's student in CS at Georgia Tech (expected May 2024) specializing in ML. Experienced in full-stack web development and passionate about applying ML, especially in CV and autonomous vehicle technologies. Seeking to leverage academic and professional experiences as an ML Engineer.

Education

Master of Science in Computer Science, Specialization in Machine Learning
Georgia Institute of Technology, Expected Graduation: May 2024
    Relevant Coursework: Machine Learning, Algorithms, Computer Vision, Info. Security, AI Ethics

Bachelor of Science in Computer Science, Minor in Mathematics
Azusa Pacific University, Graduated May 2018
    Significant Research Project: Spearheaded a funded project to develop a real-time parking lot occupancy system using computer vision. Key aspects of the project included: synthetic dataset creation, neural network classifier implementation, real-world application and cross-functional collaboration with a professor and a peer.

Professional Experience

Independent Full-Stack Web Developer
Freelance, 2022 — Present
- Working on various projects involving both frontend and backend development for start-ups.
- Developing diverse web applications including web portals, large-scale corporate sites, and content-management systems, with a focus on responsive design and user experience.

Full-Stack Web Developer
Azusa Pacific University, 2017 — 2022
- Implemented a FAQ chatbot using NLP technologies for enhancing user interaction.
- Developed a live streaming system for chapel services with integrated attendance tracking.
- Deployed a CV system for occupancy monitoring in compliance with COVID-19 regulations.

Technical Skills

ML Frameworks and Tools
    TensorFlow, PyTorch, Scikit-learn, Scipy, Numpy, Pandas, Matplotlib

Web Frameworks and Tools
    Angular, React, SvelteKit, PHP, HTML, SCSS, MongoDB, MySQL