Jerry Wu

https://www.linkedin.com/in/jerryowu/

Email : mrjerryowu@gmail.com
Mobile : +1-650-248-4546

Education

University of California, Davis   Expected Graduation: **Jun 2025**
BS in Computer Science   *Davis, California*
- Regents Scholar (top 1.5%)

Experience

Amazon   **Jun 2024 – Sep 2024**
Software Engineer Intern   *Santa Clara, California*
- Led the migration of Customer Experience rendering for headless price drop reorder notifications to Velociraptor, reducing rendering latency by 40% across all Alexa devices
- Designed and implemented configuration-based rendering for single ASIN reorder notifications, successfully transitioning CX-presentation from Java to JSLT, accelerating the deployment process for 30+ partner teams

Amazon   **May 2023 – Aug 2023**
Software Engineer Intern   *Santa Clara, California*
- Developed a sophisticated full-stack AI shopping assistant that enables customers to chat with over 20 million Amazon products, significantly enhancing the shopping experience through advanced interactive capabilities
- Reduced large language model chunk parsing latency by 80% by designing and implementing a custom streamlined chunk processor, resulting in faster and more efficient data handling
- Trained the large language model to utilize Amazon's comprehensive product catalog and external web information, enabling it to respond to customer inquiries about products, provide comparisons, and tailored recommendations

Meta   **May 2022 – Aug 2022**
Software Engineer Intern (Enterprise)   *Menlo Park, California*
- Designed and launched highly configurable timeline for Meta employees to manage daily work flow
- Achieved a 95% reduction in synchronization errors by implementing an advanced auto-syncing system for timeline and dashboard tasks, leveraging event triggers to ensure seamless data consistency and minimize manual updates.
- Received rockstar rating, the highest performance rating given to the top 5% of interns

PANS Lab   **Sep 2021 – Dec 2021**
Undergraduate Researcher   *Merced, California*
- Undergraduate researcher in Dr. Shija Pan's Pervasive Autonomous Networking Systems Lab
- Developed an Android application that monitors the gait of elderly individuals by connecting with structural vibration sensors via WiFi hotspot

Curated.com   **Jun 2021 – Aug 2021**
Software Engineer Intern   *San Francisco, California*
- Implemented full stack infocard feature to improve the accuracy of information for 1000+ experts at Curated
- Implemented caching mechanism to optimize Slack api query volume from 250,000 to 2,000 per day, improving the communication between team managers and team experts

Projects

Essence   **Jun 2024**
- Created during Berkeley AI Hacks, Essence is an innovative learning tool for actors and actresses to be able to practice scripts from famous movies in order to receive feedback from our algorithm and AI Coach
- utilized Hume AI's API in order to gain the emotional expressions of both the original actor / actress of the script and compare those to the current user's recording through both facial and vocal expressions

Jist   **Feb 2024**
- Created during Stanford TreeHacks, Jist is a post on-call bug report summarizer which utilizes AI to deliver succinct bug report summaries that spotlight crucial details such as severity, frequency, and impact
- Utilized Jira API to create an easy one-click integration with Jira bugs

Technical Skills

Languages/Frameworks: React, TypeScript, Java, C++, PHP, Python, BashScript, GraphQL, MongoDB
Developer Tools: AWS, Docker, Kubernetes, Vim, Git, Android Studio, Expo