Andy Lyek

email: andy@lyek.me | P: +1 2094503665 | in/andy-lyek | lyek@stanford.edu

EDUCATION

STANFORD UNIVERSITY   Stanford, CA
Bachelor of Science in Engineering   Expected June 2028
Major in Electrical Engineering & Computer Science
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

WORK EXPERIENCE

POKE BOWL LLC   Modesto, CA
Food Server   Jun 2023 – Sep 2024
- Strengthened customer service skills through customer interaction and support
- Refined working in time-constrained situations effectively and confidently, leading to 4x more sales within short periods of time
- Trained 10 new employees, increasing productivity by 150% within their first month through effective training

JOHANSEN VPN   Modesto, CA
Lead Video Producer   Aug 2022 – Jul 2024
- Raised 100k for the program within 1 year through professionally created videos and community interactions alongside media companies.
- Produced event recap and sales videos for companies such as IHeartRadio and Modesto City which led to expandable outreach through social media alongside 100k+ funding for Modesto City from the Department of Education
- Piloted the Video Production program for Modesto City Schools, leading other students into the field.

CRAFTIGAMES   Remote
Junior Software Developer   Aug 2021 – Feb 2022
- Updated old Java code bases to modern development standards, improving functionality and scalability for over 50,000 active members
- Worked with a team of developers to create, design, and ship player-based games, taking the lead role in producing games.
- Increased revenue by 50% through player sales by creating more revenue generating game designs
- Designed and deployed infrastructure changes that used modern technologies such as gRPC and Redis
- Improved efficiency within the backend infrastructure through a custom remote game system built with Java, MySQL, and gRPC

PROJECTS

RICE STATS - DATA ANALYTICS SOFTWARE   Data Analytics
- Developed a plugin for Minecraft with Java that allows server owners to analyze their player interactions visually
- Deployed Grafana to visualize player data trends and behaviors, providing analytics to gain insight into players
- Leveraged Docker to scale InfluxDB efficiently to process thousands of data requests.

WEBSTORE SCRAPER   Mar 2022
- Designed and implemented a web scraper to scalp websites such as Best Buy SKUs using the Rust programming language
- Used design architectures such as cron jobs, webhooks, and web scraper
- Created for use within Discord communities which interfaced with Discord's API to alert users to any store updates in realtime

ADDITIONAL

Technical Skills: HTML/CSS, JavaScript, TypeScript, React.js, Java, C++, Rust, SQL, Git, Docker, Unix, Redis, RabbitMQ
Languages: Fluent in English; Conversational Proficiency in Khmer
Certifications & Training: Modesto City Schools Distinguished CTE Award; CS106B at Stanford
Awards: 1st place in Modesto Local CyberSecurity Hackathon (2022);