Justin Ankrom

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EDUCATION

Carnegie Mellon University Pittsburgh, PA

Bachelor of Science in Electrical and Computer Engineering | GPA: 3.6/4.0   *Expected Graduation: May 2025*
- Relevant Coursework: Web Development, Cloud Computing, Database Systems, Computer Systems, Machine Learning for Engineers, AI Engineering, Machine Learning in Practice, AI Representation and Problem Solving

WORK EXPERIENCE

Atlassian May 2024 – August 2024

Software Engineer Intern *Remote*
- Designed and implemented a tracking metrics and visualization tool for key company features at UI and backend level using React and Kotlin, providing data for business decisions and strategic planning.
- Created detailed usage charts and dashboards, significantly enhancing performance monitoring and optimization of product features used by 50+ engineers.

HelixVM January 2024 – February 2024

Software Engineer Intern *Remote*
- Increased workflow efficiency by 20%, enabling doctors to conduct video calls with patients while accessing their charts in the same interface by developing a Google Chrome extension.
- Enhanced user experience of an existing dashboard by redesigning it with React and JavaScript, incorporating 13 new features and aesthetic improvements that improved functionality and user satisfaction.

Rubrik June 2023 – August 2023

Software Engineer Intern *Palo Alto, CA*
- Reduced installation failures by 15% by creating and implementing a pre-check system for Rubrik software installations across UI, CLI, and API interfaces.
- Accelerated the installation process by 80%, saving customers approximately 75 minutes per installation, by engineering a state machine that identified and resumed from failure points.
- Increased installation success rates by 8% by developing a job-level retry feature that automatically reset drive partitions and retried failed installations, contributing to reliable software deployments.

Flawless Technologies June 2022 – August 2022

Software Engineer Intern *Remote*
- Created a highly effective web scraping application using the Selenium framework in C#, automating the identification and purchase of high-demand products, which ensured timely and precise transactions.

PROJECT EXPERIENCE

AI-Hub | Gtihub | Website | *Next.js, React, GPT-4, Stripe, Supabase, Prisma, Tailwind* June 2024 – July 2024
- Developed an all-in-one platform for AI capabilities that generates $100 per month, integrating features for chat, image generation, video creation, code development, and music production, providing users with a comprehensive suite of AI tools in a single, user-friendly interface.

Active Apply | Gtihub | Website | *Next.js, React, Stripe, Supabase, Prisma, Tailwind* March 2024 – Present
- Streamlined the job application process, saving users an average of 35 seconds per application, for over 200 monthly users by designing a Chrome extension and website that enables seamless tracking of application details.

Machine Learning | *Python, Scikit-learn* February 2024 – May 2024
- Optimized Uber driver and customer pairings by developing and deploying a machine learning model with Scikit-learn, utilizing Vertex AI for cloud-based deployment and fine-tuning, and making it accessible via a custom API for real-time recommendations.
- Led a team of 3 to train Pac-Man using Q-learning, achieving a 95% accuracy in finding the most optimal route to maximize score in any random game state and map.

TECHNICAL SKILLS

Programming Languages: Python, C, C#, SQL, HTML, CSS, Javascript, Java, Scala, Kotlin, X86-64
Frameworks/Tools/Technologies: AWS, Azure, GCP, Docker, Kubernetes, Terraform, Django, Next.js, React, Node.js, Express.js, MongoDB, Supabase, MySql, Prisma, Selenium, Github Actions, CI/CD, Git, Jira, Kafka, Samza, Figma, Stripe, Tailwind, TenserFlow, PyTorch, Scikit-learn