JUHUN PARK

202-924-4546 | juhunpark32@gmail.com | juhunpark.me | linkedin.com/in/juhun-park | github.com/juhun32

TECHNICAL SKILLS

- **Programming Languages:** Python, JS/TS, Go, Java, SQL
- **Libraries & Frameworks:** React, SvelteKit, Flask, Django, Pandas, NumPy, PostgreSQL
- **Tools:** Git, Linux, RabbitMQ, Algolia, Docker, Firebase, GCP, MediaPipe, Linear
- **Technical Collaboration:** Agile Development, SCRUM Familiarity, Cross-Functional Teamwork

EDUCATION

George Mason University Expected May 2027
BS Computer Science GPA: 3.9
Relevant Courses: Problem Solving & Programming, Object Oriented Programming, Data Structures & Algorithms

EXPERIENCE

copium.dev Jan 2025 - Present
Founder Remote

- Lead development of an internship application platform serving 400k+ users with 90k daily job applications.
- Translated user pain points into product features, improving search latency by 30% and reducing data costs by 50%.
- Collaborated across frontend and backend teams to ensure product consistency and 99.9% success rate.
- Applied customer-first mindset by optimizing UX with server-side pagination and Algolia search improvements.

InsightLegi Jan 2025 - Mar 2025
Software Engineer Intern Fairfax, VA

- Built interactive data visualization for 15 states with sub-150ms data fetch times, supporting executive decision making.
- Partnered with marketing team to develop a web application promoting the hackathon, increasing registrations by 42%.
- Streamlined registration process with Go and Google APIs, reducing processing time by 70%, enhancing user experience.

Eduverse Dec 2024 - Jan 2025
Product Manager Intern Remote

- Led authentication system improvements with Django and Pytest, reducing redirect response time to under 150ms.
- Enhanced frontend performance through React and Tailwind redesign, delivering a 57% faster initial load experience.

PROJECTS

Calple | GitHub | calple.date
Next.js, Go, Tailwind, Algolia, Docker, GCP, Firestore

- Built a relationship management platform with Next.js, Go and Firestore, featuring shared calendars, curated date ideas.
- Achieved 99.9% uptime and efficient scaling on GCP Cloud Run with a 30MB Dockerized backend image.
- Optimized database queries and backend logic for calendar and note operations, achieving sub-150ms response time.

Project Verstappen | GitHub
Python, Shared Memory API, OpenCV, AC/acsys module

- Engineered a real-time telemetry data analysis solution for simracers, minimized server costs by data compression and selective real-time telemetry updates.
- Designed intuitive UI/UX making complex data more approachable, visualizing 10 critical telemetry parameters.
- Utilized OpenCV to develop, implement image processing pipelines for accurate track line extraction and lane detection.