

JUHUN PARK

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EDUCATION

George Mason University

Bachelor of Science in Computer Science

Expected May 2027

GPA: 3.9

Relevant Coursework: Data Structures & Algorithms, Low-level Programming

Honors: \$20,000 Merit Scholarship Recipient

EXPERIENCE

Google Developer Groups

Jul 2025 - Present

Technical Lead, George Mason University

Remote

- Developing a scalable Next.js, Node.js, RESTful APIs dashboard that manages event details and meeting schedules.
- Leading a community of 50+ developers; running Agile sprints with GitHub to deliver 2 full-stack products for GMU.

Northwestern University - Kellogg Alumni Group

Jul 2025 - Aug 2025

Software Engineer Intern

Remote

- Launched a ASP.NET Minimal API & SvelteKit MVP, serving 1500 users with 99.9% uptime on Cloudflare.
- Designed PostgreSQL schema and SQL functions on Supabase, with performant query execution time of sub-5ms.
- Implemented CDN + Redis caching and REST endpoints, offloading 95% of reads and cutting latency to sub-150ms.

Copium.dev

Jan 2025 - Jun 2025

Co-Founder

Remote

- Merger with Cvrve (2025), launched a tech career management platform serving 400k users, 90k job applications daily.
- Deployed 10k+ events/s analytics pipeline (Kafka to ClickHouse, Redis) in Go as Docker containers on AWS ECS.
- Set up an object storage pipeline using Cloudflare R2, offloading 57GB/month from S3 and eliminating egress costs.
- Automated builds and deployments with Terraform + GitHub Actions, achieving sub-10min deployment times.

George Mason University - Eduverse

Sep 2024 - Dec 2024

Software Engineer Intern

Remote

- Implemented JWT for Google OAuth, refactored Django service into modular apps, improving API throughput by 30%.
- Wrote unit tests with Pytest, increasing CRUD API test coverage from 20% to 85%, caught 2 critical issues pre-launch.

PROJECTS

ByDentalSmiles | [GitHub](#)

2025

Next.js, Node.js

Landsdowne Family Dentistry, Alexandria, VA

- Redesigned a local dental office website with Next.js, improved Lighthouse performance score from 75 to 95.
- Improved compared to previous, FCP 1.9s to 0.9s, LCP 6.4s to 2.2s, TBT 130ms to 30ms, Speed Index 2.7s to 0.9s.

Calple | [GitHub](#) | calple.date

Next.js, Node.js, Go, Firestore, Docker, GCP Cloud Run

- Built a collaborative relationship management app with shared calendars, cycle tracking, and real-time synced maps.
- Exposed Golang REST APIs and deployed 30MB image to Cloud Run, sustaining 99.9% uptime with autoscaling.
- Optimized Firestore access patterns to keep API latency sub-150ms, handling 1k+ daily API requests.

Project Verstappen | [GitHub](#)

Python, Shared Memory API, OpenCV, AC/acsys module (Assetto Corsa Internal API)

- Architected a real-time Assetto Corsa telemetry pipeline, streamed events to Kafka for web based interactive analysis.

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, Go, Java, SQL, C, C#
- **Frameworks:** React, Node.js, Django, Flask, Next.js, SvelteKit, FastAPI, .NET, PostgreSQL
- **Tools & Platforms:** Git, GCP, Vercel, Cloudflare, Pub/Sub, AWS, Linux, RabbitMQ, Algolia, Docker, Redis, Kafka