

# JUHUN PARK

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## EDUCATION

### George Mason University

Expected May 2027

Bachelor of Science in Computer Science

GPA: **3.9**

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

**Honors:** \$20,000 Merit Scholarship Recipient

## EXPERIENCE

### Google Developer Groups

Apr 2025 - Present

Technical Lead, George Mason University

Remote

- Developed a scalable **Next.js**, **Node.js**, **RESTful APIs** dashboard that manages event details and meeting schedules.
- Led a community of **50+** developers; defined roadmaps, ran **Agile** sprints with Git/GitHub to deliver 3 full-stack features.
- Partnered with design and product leads to scope requirements and review PRs, improving team velocity and code quality.

### Northwestern University - Kellogg Alumni Group

Jul 2025 - Aug 2025

Software Engineer Intern

Remote

- Launched a **ASP.NET Minimal API** & **SvelteKit** MVP, serving **1.5k** MAU 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.

## 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](http://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)

- Implemented 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**, Next.js, SvelteKit, Django, Flask, FastAPI, .NET, PostgreSQL
- **Tools & Platforms:** Git, GCP, Pub/Sub, AWS, Linux, RabbitMQ, Algolia, Docker, Redis, Kafka