

Michael Yeh

Software Engineer

📍 San Diego, California
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🎓 Education

**University of California -
San Diego**
Mathematics - Computer
Science
Graduated June 12th, 2022

🧠 Skills

Coding Languages

- C
- GoLang
- Java
- JavaScript/TypeScript
- Python
- Rust

Platforms & Tools

Amazon Web Services (AWS)
Git/GitHub
GitHub Actions
IntelliJ
Visual Studio Code

Databases

- DynamoDB
- Postgres
- Redshift

🧰 Professional Experience

UnitedHealth Group/Optum Technology

Software Engineer | Remote | 2022 - present

- Identified security vulnerabilities that could expose sensitive data in our code, proposed possible solutions, then lead the charge on fixing the problems before anything went wrong.
- Lead the initiative to save \$100K+ in cloud costs annually by creating strategies in code to reduce redundant API calls which also define the new standard for efficiency in our systems.
- Created a tool to host internal sites on-prem, basically for free, saving teams from having to spend money on hosting after the enterprise lost access to GitHub pages.
- Volunteered to test new AI tools in order to determine the value and potential productivity gains for the rest of the engineers in my organization.
- Coordinated a project across multiple teams to create a mobile notification system that could send to 200K+ members on an extreme time crunch.

Cubic Corporation - Cubic Transportation Systems

Software Engineering Intern | San Diego, CA | 2021

- Developed a testing harness by creating a REST API and a service layer that handles creating, updating, and deleting test data in a Postgres database to enable simulated testing instead of real-world testing to save on time and costs.
- Learned to effectively utilize debugging tools to fix 100's of bugs and broken test cases in our system which improved our build reports significantly.
- Presented my internship experience and shared my ideas on how I thought the program can be improved to the Vice President of the company.

🧩 Leadership & Activities

University of California, San Diego

Archer and Coach for Sun God Archery at UCSD | 2019 - present

- Trained independently for 2 years during the COVID-19 lockdown then returned to collegiate archery and won the SoCal Indoor Archery Collegiate Championship and several other tournaments.
- Coach and mentor student athletes 4 days a week by leading practices, teaching classes, and supporting their archery development.
- Design lesson plans and tutorials focused on building strong foundations in form, technique, and knowledge in order to empower archers to know how to grow independently.
- Actively continue to train and refine personal skills to improve as both an athlete and a coach.