

MINSOO KIM

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EDUCATION

University of California, Riverside
Bachelor of Science, **Computer Science**

Dec 2023
Cumulative GPA **3.91**

SKILLS

Programming Languages Technologies

C++, Python, JavaScript, TypeScript, Bash, LaTeX, SQL
React, Next, Express, jQuery, Git, Axios, GraphQL, gtest, Git, GitHub Actions, Playwright

EXPERIENCE

Lawrence Livermore National Laboratory, Livermore, CA

Jun 2022- Sept 2022

Software Engineer Intern

- Expected to work on full stack data management application utilizing MongoDB and Angular

Prytaneum, Riverside, CA

Nov 2021 - Present

Undergraduate Research Assistant – prytaneum.io

- Created user restrictions using GraphQL, Prisma, Storage Buckets for an event with Mark Takano and 200+ live users
- Developed backend endpoints, PostgreSQL data tables to create an admin account that can manage all users/events/orgs
- Integrated Google Analytics and created custom events to track user activities (peak concurrent users, unique users, etc.)
- Implemented client and server-side input validation for live questions/comments using Regex
- Working with 3 people to achieve 100% E2E test coverage using Playwright

Linux System Administrator, Buffalo, NY

Mar 2022 - Present

Lockdown v12 Cyber Defense Competition – 1st place overall in 2022

- Wrote automation scripts that configured endpoints saving 20-30 minutes across 3 machines
- Audited approximately 30 users and services running to safeguard machines against attacks
- Repaired and reconfigured SSH and HTTP protocols

CutieHack, Riverside, CA

Jul 2021 - Sept 2021

FrontEnd Developer - cutiehack.io

- Built page infrastructures utilizing Next.js for over 500 registered hackers following a agile scrum methodology
- Styled pages with CSS and Framer-Motion in accordance with the hackathon's theme

Unifi, West Hollywood, CA

Jun 2021 - Aug 2021

Full Stack Engineering Intern

- Encrypted data with Zapier, Paperform, and JavaScript to enhance website security and user privacy
- Implemented modular designs on a prospective web app using Webflow and JavaScript

PROJECTS

WallStatusBets.io

Jul 2021 - Sept 2021

- Designed/Built a full stack CRUD web application using MERN stack to give stock insights
- Utilized Snookwrap and Chart.js to retrieve data from a subreddit to generate graphical/statistical data
- Validated user inputs with a collection of live NASDAQ tickers on MongoDB

Task Scheduler

Sept 2021 - Nov 2021

- Used Composite/Strategy patterns for client interaction and selection of algorithms at runtime
- Performed unit tests using gtest and continuous integration with Github Actions
- Checked and fixed memory leaks using Valgrind and CMake