Riley Mathews

646-300-5733 | rileymathews13@gmail.com | linkedin.com/in/Riley | github.com/MatherMan

EDUCATION

San Diego State University — GPA: 3.5/4.0
Bachelor of Science in Computer Science, Bachelor of Science in Finance — *May 2025*

INTERNSHIP EXPERIENCE

Software Developer Intern — Summer 2019
Tourneau — *New York, NY*
- Automated inventory management system using Google Scripts to streamline identification of aged or damaged inventory, resulting in 18% decrease in stagnant inventory.
- Achieved an 18% reduction in damaged inventory downtime, with an automated workflow that notified store managers of action items and facilitated service requests via customized Google Forms.
- Used HTML and CSS to implement front-end enhancements on a website generating over $50 million in online sales to drive seamless user experiences and design consistency.

Financial Advising Intern — Summer 2022
Bank of America — *Los Angeles, CA*
- Achieved a 13% higher than average return rate by identifying requirements.
- Developed data-driven strategies for personalized financial planning, utilizing advanced Excel techniques to analyze client data and provide tailored recommendations.

PROJECTS

Course Registration | *NodeJS, Express, React, PostgreSQL, Drizzle ORM* — September 2024 – Present
- Developed **RESTful APIs** using **Node.js** and Express to facilitate seamless data exchange between the backend and frontend, supporting key endpoints for managing majors, students, faculty, users, courses, and scheduled courses.
- Leveraged Drizzle ORM with **PostgreSQL** to define and manage complex data schemas, including relationships between departments, majors, students, faculty, and course schedules.

Personal Block-chain | *Java, Object Oriented Design, SHA-256 Hashing* — May 2024
- Utilized **object-oriented programming**, file handling, and error management techniques to create a blockchain prototype.
- Implemented **cryptographic hash functions** for block verification and ensured the integrity of data in a chain structure.

Personal Cookbook Website | *HTML, CSS, JavaScript, Git* — Dec. 2023 – Jan. 2024
- Developed a website using **HTML**, **CSS**, and **JavaScript** to structure and style recipe content.
- Utilized **Git** version control, ensuring smooth continuous code integration.

OTHER WORK EXPERIENCE

Member Services Lead - *S.A.L.T. President* — June 2023 - Present
Associated Students of SDSU — *San Diego, CA*
- Elected President of internal leadership group by peers to oversee staff appreciation, community outreach, and drive community-building efforts within the organization.
- Increased culture capital and commitment to organizational values, shown by an 11% increase in employee engagement, by interviewing, onboarding, and training over 30 new staff

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Assembly
Frameworks: React, Node.js, Flask, JUnit, WordPress
Developer Tools: Git, Docker, Google Cloud Platform, NVim, Vim, Vi, VS Code, Visual Studio, LaTeX
Libraries: pandas, NumPy, Matplotlib, Drizzle ORM, pg, SHA-256