Gavin Milligan

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EDUCATION

University of California, Irvine   **Graduating In March, 2026**

B.S. in Software Engineering

- **Courses:** Data Structures, Algorithms, Object-Oriented Programming, Computer Architecture, Software Testing & Quality Assurance, Software Design, Boolean Logic & Discrete Mathematics.

EXPERIENCE & LEADERSHIP

Blockchain At UCI   **Irvine, CA**

Technical Lead   *June 2024 - Present*

- Engineered the Web3 architecture for a decentralized rental marketplace, integrating Base and Coinbase Smart Wallet via the Coinbase Developer Platform, securing a victory at the Eigen Games EthDenver 2025 hackathon
- Managed open source GitHub repositories by assigning tasks, reviewing code, approving pull requests, and overseeing branch management of over **10** pull requests per week
- Coordinated over **30** technical interviews and made strategic hiring decisions

Myfye.com   **Irvine, CA**

Co-founder   *June 2024 - Present*

- Created a banking dApp focused on tokenizing real world assets, such as U.S. Government Treasury bills managing over **1,500** transactions seamlessly, built with Solana
- Engineered on-chain swap solutions with Jupiter to deliver a highly optimized user experience, achieving **99.7%** swap reliability with a seamless one-click experience
- Managed and integrated complex NPM dependency trees, ensuring stability of web3 libraries
- Developed sponsored transactions and swaps, eliminating fees for users

Coder School   **Irvine, CA**

Code Coach   *August 2024 - January 2025*

- Taught *Python*, *C++ and HTML/CSS* to students grades 1-10, creating lesson plans to match their skill levels and provided 1:1 support to address challenges and improve understanding

PROJECTS

FinFriend.com | *Swift, Kotlin, Javascript, Bitcoin*   *October 2022 - August 2023*

- Built a create-your-own-currency platform for iOS, Android, and the web that has made over **$1,000** in revenue and has seen over **100** free trial currencies launched
- Engineered a digital asset exchange with advanced computer science techniques that has traded Over **$5,000** in volume
- Designed the frontend using Adobe and built it natively in Swift, Kotlin and React

Bitcoin Node | *Linux, Bitcoin*   *June 2022*

- Built a Raspberry Pi from scratch, installed the Linux operating system, and have been actively supporting the Bitcoin network for over **3** years

SKILLS

Languages: Python, JavaScript, TypeScript, Java, HTML, CSS, SQL, C, C++, Kotlin, Swift

Tools / Frameworks: AWS, Google Cloud, SQL, REST API, React, Redux, NPM, Git, MongoDB, NodeJS, pandas, numpy, Adobe, Figma, Blockchain, Bitcoin, Passkey, Base, Coinbase Developer Platform, Solana, Linux, Microsoft, Apple, Docker, ExpressJS