

Reuben Beeler

ReubenBeeler.me | LinkedIn.com/in/ReubenBeeler | GitHub.com/ReubenBeeler

reuben.beeler@gmail.com ❖ (858) 524-9493 ❖ San Diego, CA

DevOps Engineer with cybersecurity research background and 3 years of experience developing secure, reliable, and efficient systems. Proven track record optimizing performance-critical applications and automating complex workflows.

WORK EXPERIENCE

Scientific Developer Intern

[Cadence Molecular Sciences](#) | Santa Fe, NM

Jul 2024 – Sep 2024

- Accelerated a crucial optimization algo by 20%, streamlining drug discovery for [19+ leading pharma companies](#).
- Engineered efficient processing and visualization workflows for 100GB+ datasets in Python (Scikit-learn, Matplotlib).
- Presented the final product to 50+ scientists via PowerPoint.

Research Intern

[Computer Security Group at UCSB](#) | Santa Barbara, CA

Jun 2023 – Sep 2023

- Initiated a patch in SteamVR, protecting an estimated 100,000+ users from remote keylogging attacks in VR.
- Contributed to a research paper accepted to USENIX 2024 on keylogging vulnerabilities found in 18 VR applications.
- Automated data pipeline with OpenVR and Wireshark Lua plugins, achieving the project's key milestone in 6 weeks.

Mobile Application Developer Intern (Backend)

[Telaeris, Inc.](#) | San Diego, CA

Jun 2022 – Sep 2022

- Deployed fingerprint biometrics into the flagship Android app using Java multithreading, impacting 10k+ end-users.
- Resolved a critical compatibility issue with third-party ISO templates, improving portability and customer experience.

Mobile Application Developer Intern (Frontend)

[Telaeris, Inc.](#) | San Diego, CA

Jun 2021 – Dec 2021

- Built Flutter frontend on SQLite & FFI backend, enabling cross-platform experience of the flagship application.
- Rapidly learned Dart, Flutter, SQLite, and FFI, fueling key contributions as early as the first week.

EDUCATION

Bachelor of Science in Physics and Computer Science

[University of California, Santa Barbara](#) | Santa Barbara, CA

Sep 2021 – Mar 2025

- University Honors | **GPA:** 3.97 (Computer Science), 3.82 (Physics), 3.88 (overall)
- Research: Cybersecurity in VR at the [SecLab](#) and Combinatorial optimization of spin-glass systems at the [OPUS Lab](#)
- Teaching Assistantships: [Computer Programming for Physical Sciences](#), and [Thermal and Statistical Physics](#)
- Courses: Data Structures & Algorithms, Operating Systems, Artificial Intelligence, Computer Vision, Quantum Computing, HPC

PUBLICATIONS

- [Remote Keylogging Attacks in Multi-user VR Applications](#). Zihao Su, Kunlin Cai, Reuben Beeler, et al. In 33rd Usenix Security Symposium, USA, August 2024.

CERTIFICATIONS

- [IBM Applied DevOps Engineering](#) | Coursera October 08, 2025
- [Java SE 11 Developer](#) | Oracle November 29, 2021

SKILLS

DevOps: AWS, Docker, Kubernetes, Helm, CI/CD, Git, Github Actions, TDD, BDD, IaC, CloudFormation, Terraform, Prometheus

Languages: Java, Python, C, C++, Dart

Data & Messaging: PostgreSQL, MongoDB, RESTful APIs, SQS, gRPC

Hobbies: IRONMAN triathlete, black belt in MMA, musician (guitar, drums, vocals)