

# Remington Steele

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## EDUCATION

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### San Diego State University (GPA: 3.8)

Aug. 2022 – May 2026

*Bachelor of Science in Computer Science*

*San Diego, CA*

- Clubs & Organizations: ZIP Launchpad, AI Club, Rocket Project, Mechatronics, Chess Club

## TECHNICAL SKILLS

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**Languages:** Go, Python, JavaScript, HTML, CSS, SQL

**Frameworks & Tools:** Gin, Django, Docker, Git, Azure, PostgreSQL, GitHub Actions

**Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Advanced Programming Languages, Operating Systems, Database Theory, Distributed Systems, Wireless Networking, Unix System Administration

## EXPERIENCE

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### Backend Engineering Lead

June 2024 – Present

*SDSU Digital Innovation Lab*

*San Diego, CA*

- Led a team of **3 backend engineers** delivering backend systems for **4 production web applications** supporting high-concurrency user traffic.
- Designed and implemented scalable backend architectures using **Go** and **Python**, with **PostgreSQL** and **Microsoft SQL Server** for production-grade data persistence.
- Developed and deployed advanced **AI systems**, including **Retrieval-Augmented Generation (RAG)** pipelines and **multi-step tool-calling workflows** for real-time inference.
- Drove major performance optimizations across backend services, achieving up to **6× throughput improvements** and reducing API latency by **70%**.
- Led cloud engineering and deployment efforts on **Azure**, improving system reliability while reducing monthly cloud costs by **66%**.

### Software Engineer | *bubblemachine.org*

April 2025 – Sept. 2025

*SDSU Research Grant Project*

*San Diego, CA*

- Led a team of **2 engineers** to convert a client-only React prototype into a production-ready, monetizable web application.
- Designed and built a secure backend using **Python (Django)** and **PostgreSQL**, adding user accounts, authentication, and cloud-based data persistence.
- Implemented subscription billing and access control using **Stripe**, enabling paid features and recurring payments.
- Extended the **React** frontend to support authentication flows, account management, and cloud-synced features.

## PROJECTS

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### CopilotCareer | *copilotcareer.org*

June 2024 – Present

*SDSU Digital Innovation Lab*

*San Diego, CA*

- Led a backend **redesign** of a production AI platform, migrating a legacy Python system to a high-performance, concurrent backend in **Go**.
- Redesigned **PostgreSQL** schemas with higher normalization and improved relational integrity, reducing redundancy and simplifying future development.
- Designed a clean, consistent **REST API** with clear resource modeling, versioning, and comprehensive developer documentation in **Apidog**.

### Self-Hosted HomeLab (Multi-OS Infrastructure)

June 2024 – Present

*Advanced Systems Administration Project*

*Personal Project*

- Designed and operated a multi-VM environment across **OpenBSD, FreeBSD, AlmaLinux, Ubuntu, Solaris/OpenIndiana, and AIX**, simulating enterprise-style heterogeneous systems.
- Implemented centralized services including **DNS (NSD), LDAP authentication, PKI/TLS**, and **NFS**, enabling shared identities and secure service trust across hosts.
- Configured secure remote access and automation using **SSH agent forwarding, Ansible**, and **Ansible Vault** to manage configuration and privilege escalation at scale.
- Deployed and maintained production-style services including **GitLab, TLS-enabled nginx, Dockerized applications**, centralized logging, and full backup/restore workflows with **P2V recovery**.