

Sepehr Sahraian

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EDUCATION

University of California, Irvine | Irvine, CA
B.S. in Software Engineering, GPA: 3.5/4.0

Expected June 2027

Irvine Valley College | Irvine, CA
A.S. in Computer Science, GPA: 3.7/4.0

May 2025

EXPERIENCE

Reader, INF 43: Introduction to Software Engineering

Mar. 2026 - Present

UCI School of Information and Computer Sciences | Irvine, CA

- Grade assignments and write feedback for a 300-student course covering requirements analysis, software architecture, testing, CI/CD, and the SDLC, holding evaluation consistent across the section.

Lead Developer

Apr. 2025 - Present

San Diego County Amateur Radio Council | San Diego, CA

- Built and operate the Django platform that runs examiner accreditation, session records, and reporting for 350+ users, replacing spreadsheet and email workflows.
- Modeled the examination lifecycle against 47 CFR 97.509 so session and applicant records can only move through states the regulations permit.
- Designed the REST APIs that internal tooling and third-party integrations read the platform through.
- Operate the production stack (Linux, Nginx, PostgreSQL, Redis, Celery) with GitHub Actions deploys and scheduled backups, updates, and log rotation.
- Building order fulfillment, shipping, and Stripe-integrated payment processing workflows.

Python Instructor

Sep. 2023 - Oct. 2024

Bytes and Bots | Irvine, CA

- Taught groups of one to six students front-end and back-end web development with Flask, Jinja, and Bootstrap.

LEADERSHIP

Founder and President

June 2023 - May 2025

Irvine Valley College Wireless Technology Club | Irvine, CA

- Raised over \$25,000 in grants and sponsorships giving students hands-on time with software-defined radio, antenna theory, RF modulation, and transceiver design.
- Led 18 accredited examiners administering amateur radio examination sessions under 47 CFR 97.509.

TECHNICAL SKILLS

Languages: Python, SQL, Java, C, C++, JavaScript, HTML, CSS

Frameworks: Django, Flask, HTMX, Alpine.js

Databases and infrastructure: PostgreSQL, MySQL, Redis, Celery, AWS, Docker, Nginx, Linux

Tools: Git, GitHub Actions, CI/CD, REST APIs

Certificates: AT&T 2025 Technology Academy