

Sajjad (Sean) Sheykhi

(310) 730-9976 • ssheykhi@asu.edu • [GitHub](#) • [LinkedIn](#) • [Portfolio](#)

EDUCATION

Arizona State University — Ira A. Fulton Schools of Engineering

Bachelor of Science in Computer Science, Minor in Data Science

Expected Graduation: Fall 2026

EXPERIENCE

Automation and Test Infrastructure Engineer

Jan 2026 – present

General dynamics mission systems

- currently working on building a cross-browser automated UI test scripts for a web-based software-defined radio (SDR) interface.

Software Engineer Intern

July 2025 – Sep 2025

Irenic Therapeutic Services PLLC

- Design and develop full-stack web and mobile applications for Android and iOS platforms and Integrate RESTful APIs and cloud services to enhance

Full-Stack Engineer Intern

March 2025 – June 2025

VanTech Med International Inc

- Led backend and frontend development for the company's main website using modern web technologies and Co-developed a cross-platform mobile application for iOS

Cybersecurity Analyst Intern

June 2023 – Aug 2023

AEG

- Utilized Burp Suite and other security tools to monitor and analyze security logs for potential threats and Conducted vulnerability assessments and prepared detailed security incident reports

PROJECTS

FlowSight: Advanced Order Flow Analysis Engine

- Developed an institutional-grade real-time order flow analysis engine for quantitative trading applications Integrated live market data feeds from multiple exchanges (Coinbase and Binance) to generate actionable trading signals
- **Technologies:** Python 3.8+, Real-time Data Processing, Quantitative Analysis, API Integration
- **GitHub:** github.com/Sayansheykhi/FlowSight

Eclipso: An Advanced privacy-focused web browser built advanced anti-tracking technologies

- Engineered a privacy-focused web browser with advanced anti-tracking capabilities, blocking 50+ tracking domains and implementing dynamic fingerprint randomization to ensure secure, anonymous browsing
- **Technologies:** Python, PyQt5 ,and PyQtWebEngine
- **GitHub:** github.com/Sayansheykhi/Eclipso

Color-Based Object Detection System

- Built a machine learning pipeline in Java for object detection using color-based feature extraction. Achieved object identification through back-projection algorithms and configurable similarity thresholds
- **Technologies:** Java, Machine Learning, Computer Vision, Image Processing
- **GitHub:** github.com/Sayansheykhi/Color-Based-Object-Detection

TECHNICAL SKILLS

Programming Languages: Python, C++, C, C#, Java, JavaScript, HTML/CSS, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, JavaFX, .NET, ASP.NET Core, RESTful APIs

Databases & Cloud: PostgreSQL, Microsoft SQL Server, SQLite, Heroku, AWS