

Alexander Schneier

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EDUCATION

Florida State University

Tallahassee, Florida

Major: Computer Science *Minor:* Mathematics

Bachelor of Science- expected December 2026

Master of Science- expected Summer 2027(combined pathways)

- **Cumulative GPA:** 3.77/4.0, **Honors:** Dean's List all semesters, **First Year Abroad** in Florence, Italy
- **Related Coursework:** Object-Oriented Programming, Data Structures & Algorithms 1 / 2, Calculus 1 / 2 / 3, Computer Organization, Discrete Mathematics 1 / 2, Theory of Computation, Operating Systems, Computer Vision, Software Engineering

WORK EXPERIENCE

Computer Science Tutor | *FSU Academic Center for Excellence*

Tallahassee, Florida | *August 2025 – Present*

- Deliver one-on-one and group tutoring sessions in core Computer Science and Mathematics subjects, improving student comprehension and exam performance.
- Develop custom practice problems and coding exercises in C++, Python, and Java to strengthen programming skills.
- Guide students in debugging, algorithm optimization, and code review.

Software Engineering Intern | *Fullfill.com*

Remote | *May 2025 – August 2025*

- Utilized SQL to query, update, and optimize data workflows and improved data processing efficiency.
- Developed data automation using TypeScript, cutting manual labor and boosting operational efficiency by 20%.
- Partnered with the engineering team to strengthen backend infrastructure and enhance system scalability.

Computer Engineering Intern | *Sensal Health*

Remote | *April 2024 – August 2024*

- Conducted extensive software and hardware QA testing across 50+ medical devices; contributed to lab approval.
- Edited and redesigned company website and user interface, leading to a 10% increase in user engagement (measured by time on site).
- Collaborated with cross-functional teams to define project requirements and implemented scalable solutions.

PROJECTS

Wine Quality Prediction | *Python, pandas, Scikit-learn, Logistic Regression, Random Forest*

| *July 2025 – August 2025*

- Processed and cleaned a dataset of 9,000+ wine reviews to predict quality scores using classification models.
- Implemented Logistic Regression and Random Forest models to classify wines by quality, tuning for accuracy.
- Applied TF-IDF vectorization to wine descriptions and performed feature engineering for improved predictions.

TECHNICAL SKILLS

Programming Languages:

Advanced: C++, Python, C

Proficient: SQL, HTML, MIPS

Computer Science Certifications:

AWS Certified Cloud Practitioner – Amazon Web Services,

Career Essentials in GitHub Professional Certificate,

Networking Foundations: Networking Basics

Tools:

Git, Unix, Microsoft Office, Selenium, Make,

Anaconda, Cognito, Agile

Languages:

English (Native), Italian (Conversational)

Coding Competitions:

2nd Place, NextEra Energy Hackathon, November 2024

4th Place out of 57, FSU ACM coding contest, April 2025

LEADERSHIP & ACTIVITIES

Sigma Alpha Epsilon Fraternity | *Brotherhood Chair*

October 2024 – Present

ACM (Association for Computing and Machinery) | *Member*

August 2024 – Present

AWS Cloud Club | *Member*

January 2025 - Present

FSU Tennis Club | *Member*

January 2025 – Present

Bass Fishing Club | *Member*

January 2025- Present

Volunteer: Organized Rainbow Run Cleveland; raised over 14k for Children hospital | *VP*

January 2023 – August 2023