

RYAN TINDER

SECURITY CLEARANCE: SECRET (OBTAINED APR 2022)

Grad: May 2024

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Education

Georgia Institute of Technology (Expected Graduation: May 2024)

Aug 2021 - **May 2024**

Bachelor of Science in Computer Science

Coursework, Fall 2022: Objects and Design, Systems and Networks, Combinatorics, Probability/Statistics

Oklahoma State University (Dual-Enrollment, General Studies: 4.0 GPA)

2019 - 2021

Work Experience

Software Engineering Intern - Lockheed Martin, F-35 Pilot Systems (C/C++, Python)

Summer 2022

- **Classified:** Worked on maximally performant C/C++ flight systems under U.S. SEAL 1 & 3 code standards.
- **Classified:** Created pilot interface components to interact with embedded aeronautic and weapon systems, as well as display and modify mission-critical information.
- Developed automated unit tests for components to verify compliance with system design requirements.
- Improved testing suites by unifying tools into a shared interface and updating code to latest standards.
- Worked in test-driven Agile development, participating in sprint planning, demos, and retros.

Software/Protocol Engineer - Revest Finance (JS/TS, Solidity, Rust, Python)

May 2022 - Present

- Engineered a decentralized yield futures protocol and marketplace for fixed-rate and fixed-term yield instruments. Currently leading development of ERC4626 adapters for partner protocols and oracles.
- Responsible for unit testing and formal verification of the system's properties and security.
- Created Svelte Dapp and Node infrastructure for frictionless UX. Live at: app.resonate.finance.
- Developed and launched a charity NFT project that raised \$20,000 for crypto exploit victims.

Software Engineer - PC Innovations | Edmond, OK (C#, HTML/CSS)

Jan 2021 - May 2022

- Automated the extraction of financial data from point-of-sale systems by engineering a portable, scheduled application.
- Implemented requested features for client's web portal. Identified and solved pre-existing bugs.
- Migrated existing systems to highly performant AWS infrastructure to improve security and reliability.

Leadership

Volunteer Software Engineer - Office of IT | Georgia Tech

- Created a WinApp for the GT Athletic Association to speed their sports photography process by 100x.
- Worked on student-led team to modernize GT's club funding application portal.

SkillsUSA National Officer - SkillsUSA | Leesburg, VA

Jun 2020 - Jun 2021

- Represented 350,000+ SkillsUSA members in advocacy for Career and Technical Education.
- Developed online content, panel discussions, and professional development workshops.
- Fulfilled speaking and facilitation roles at SkillsUSA and partner events, including national conferences.

Dev Committee Chair - Blockchain GT, Georgia Tech

Technology Chair - Executive Round Table, Georgia Tech & Beta Theta Pi Fraternity, Georgia Tech

Skills

Technical: C/C++, JS/TS, Solidity, Python, Rust, SQL, HTML/CSS, GraphQL, Java, C#, Git