Henry Fritz

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EDUCATION

The Ohio State University, College of Arts & Sciences   **Columbus, OH**
Bachelor of Science in Computer and Information Science   *May 2026*
· University Honors Program, Dean's List, Provost Scholar | **GPA: 3.82** | ACT: 34
· Minor: Business Administration

WORK EXPERIENCE

AIG   **Jersey City, NJ**
Incoming Technology Analyst Intern   *June 2025 - August 2025*

Ohio State University   **Columbus, OH**
Teaching Assistant   *August 2024 - December 2024*
· Facilitated learning for a class of 36 underclassmen, providing support in DSA and concepts in Java, Python, and C++
· Improved student understanding and outcomes by conducting 10+ weekly office hours, resulting in a 25% increase in scores

Neudesic, IBM   **Columbus, OH**
Cloud Engineering Intern   *May 2024 - August 2024*
· Developed and optimized serverless functions in Azure to process and analyze a library of over 70 million entries, ensuring seamless data ingestion and transformation while implementing robust error handling and monitoring systems
· Designed cloud infrastructure to support 1000+ function executions, reducing latency by 20%, maintaining 99.9% uptime
· Accelerated projects by leveraging .NET in an Agile environment, achieving a 30% improvement in sprint deliverables

Domum Gym   **Remote**
Full-Stack Development Intern   *May 2023 - June 2024*
· Led two key projects targeting improvement of data protection and security, increasing security rate by 33%
· Boosted application performance by optimizing database queries, reducing load times by 200%, raising efficiency

Kelly Maclean Achievement Center   **Rocky River, OH**
Private Tutor   *May 2023 - August 2023*
· Instructed 8+ different AP high school courses and ACT + SAT prep, customizing lesson plans to address individual students

Student Health Resources   **Rocky River, OH**
Web Developer   *March 2020 - July 2022*
· Developed frontend with React and TypeScript, managed backend in C, and supported brand growth to 21,000+ followers

INVOLVEMENT & PROJECTS

IBM Z Student Ambassador   **Columbus, OH**
Founder, President   *September 2024 - Present*
· Selected to join a global cohort of 190 ambassadors across 36 countries to represent IBM at Ohio State
· Coordinated 10+ educational sessions and hands-on workshops to introduce students to IBM Z's mainframe solutions
· Introduced and trained 50+ club members in COBOL, Python, and IBM Z's learning platform, improving overall proficiency

CSE/CIS Peer Mentors   **Columbus, OH**
Mentor   *August 2024 - Present*
· Delivered individualized mentorship to 15 Honors program students, resulting in elevated academic performance and a notable increase in retention rates across all participating scholars within the university's Computer Science department
· Created learning materials accessed by over 40 students, improving comprehension of complex CS topics

Pi Sigma Epsilon Business Fraternity   **Columbus, OH**
Vice President of Professional Development   *August 2023 - Present*
· Spearheaded development and maintenance of comprehensive alumni database tracking 300+ professionals across 50+ Fortune 500 companies, enhancing networking opportunities and mentorship connections
· Formulated a professional development program to educate 140 members on academic and recruiting tactics

Apple Developer Program   **Rocky River, OH**
Founder   *July 2021 - Present*
· Published 2+ successful applications to the iOS App Store, generating over 34,000 organic impressions and achieving over 2,000+ downloads across 22 countries worldwide through strategic App Store optimization and targeted marketing initiatives
· Operated as both an independent developer and a team lead, directing a team of 4 external developers to design and develop a full-stack progressive web app from conception to deployment

TECHNICAL SKILLS

Languages: Python, Typescript, Javascript, Swift, Java, C, C++, Dart, COBOL, SQL, HTML, CSS, XML, Ruby
Developer Tools: Azure, AWS, Git, Postman, Docker, Prisma, Jira, MongoDB
Libraries/Frameworks: ReactJS, NextJS, NodeJS, Flutter, PostgreSQL, VueJS, Flask, AngularJS, ASP.NET, Express.js, Lynx
Certifications: Microsoft Azure Fundamentals, IBM Z Xplore Concepts, Academind Flutter & Dart