Ryan Polasky

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Education
The University of Texas at Dallas, Richardson, TX   **Expected Graduation**: May 2026
- **Bachelor of Science in Computer Science**
  - Relevant Coursework: Computer Science I & II, Computer & Network Security, Database Management Systems, Artificial Intelligence

- **Masters of Science in Computer Science**   Aug. 2026-May 2028

Experience
Camera API Test Automation Intern, Apple, Cupertino, CA   May 2025-Present
- Built end-to-end test failure analysis pipeline for 1000+ camera tests with automated XML parsing, LLM root cause analysis, and intelligent grouping to reduce manual triage time
- Integrated Gemini for bug deduplication achieving 75% accuracy in identifying duplicates and speeding up triaging by 4,800%
- Developed multi-threaded bug reporting system with retry logic, database regression analysis, and automated attachments for 50+ engineers

At-Home Advisor, Apple, Remote   May 2023-Present
- Demonstrating the ability to independently research solutions, leading to a 6.87% escalation rate
- Efficiently multitasking the documenting of case notes while troubleshooting with customers, leading to a 0.27 minute ACW (After Call Work) time
- Consistently 15% above department average in customer satisfaction ratings

WTE Tools Engineer, Apple, Santa Clara, CA   June 2024-Nov. 2024
- Developed a large language model (LLM)-powered chat platform and Python package for automated generation of SQL and NoSQL queries from natural language inputs
- Designed and integrated web service workflows in AWS/GCP, optimizing performance and scalability, and implementing CI/CD pipelines for streamlined deployments
- Utilized the MVVM architectural pattern to enhance the performance of an iOS log analysis application, enabling real-time display of thousands of events with minimal latency

Projects
StockRyse | GitHub   Mar. 2025-Present
- Implementing real-time stock details, market news, responsive UI, and intuitive search/tracking functionalities
- Integrating Finnhub and Yahoo Finance APIs, managing secure data aggregation and CORS for a user-friendly platform

Skills
Languages & Frameworks: Python, Flask, FastAPI, Java, C++, Swift, SwiftUI, R, HTML5, & CSS
Database Systems: SQL (PostgreSQL, MySQL, SQLite) & NoSQL (Redis, ElasticSearch)
Cloud & DevOps: GCP, AWS, CI/CD (Docker, JFrog Artifactory, Spinnaker, Kubernetes, Jenkins)

Awards & Affiliations
AppleCare Excellence Award (x2)   July 2024, 2025
- Awarded to the top performing advisors within AppleCare for continued achievement of top metrics