

Joey Orofino

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Arts in Computer Science

Aug. 2021 – December 2024

- Highest Honors, Research Assistant, Head TA, President of Google Developers Club, Squarepoint Scholar

EXPERIENCE

Apple

July 2025 – Present

Software Engineer

New York City, NY

- Developing observability solutions for Apple Pay as part of the Evolve Rotational Program

NCR Voyix

February 2025 - Present

Software Engineer

Atlanta, GA

- Engineering high-performance, scalable Java Spring RESTful APIs for an online ordering and delivery platform, optimizing system reliability and throughput to support millions of daily users
- Collaborating on multi-region integration for our flagship API to improve service availability and fault tolerance, ensuring a seamless and reliable customer experience
- Configuring robust CI/CD pipelines with Kubernetes/Helm, Flux, and Google Cloudbuild for new highly available microservices, reducing deployment time and ensuring 99% up-time

Software Engineer Intern

May 2023 - August 2023

- Built an interactive globe showing real-time and historical data from 20k+ sites processing over 1,200 events per second, enabling data-driven decisions and innovating customer acquisition strategies
- Implemented a full-stack application handling 15M events daily, using Spring Boot to serve a RESTful API with a React frontend to identify market trends with organization filtering and historical insights
- Won the 'Best Project' Award, ranking 1st among 255 interns, with the project then spotlighted at an industry showcase with 35k+ attendees, driving the acquisition of hundreds of new customers

Software Engineer Intern

May 2024 - August 2024

- Optimized the data orchestration of the globe visualization to deploy product globally to 6k+ more sites with 2.2x more events per second, supporting increased user demand and enhancing data processing capabilities
- Implemented PostgreSQL database optimizations in a Java Spring application, achieving a 55% reduction in query response times through strategic indexing and efficient data expiration
- Reconfigured API to process messages from a global Google Cloud Platform Pub/Sub, enabling real-time HTTP request across all regions and providing scalable operations to handle increased global traffic

Georgia Tech College of Computing

June 2022 – December 2025

Head Teaching Assistant - Data Structures & Algorithms

Atlanta, GA

- Advanced the #5 Best Online EdX course in category, educating 65k students and generating \$2.3M in revenue
- Taught weekly lectures on data structures (sets, hash maps, trees) and algorithms (dynamic programming, graph algorithms) to 1200+ GT students, earning exceptional student feedback and evaluation scores
- Lead a team of 60 TAs to simplify advanced computing topics reducing withdrawal rate by 5% by fostering a more supportive and collaborative learning environment

Georgia Tech School of Interactive Computing

July 2024 – December 2025

Undergraduate Research Assistant

Atlanta, GA

- Researched advanced fluid-based wildfire spread modeling to accelerate decision-making in disaster scenarios
- Developed a new volumetric flame renderer in GLSL with a 20% reduction in latency, supporting real-time simulation

PROJECTS

Refugee Marketplace | React, TypeScript, Tailwind CSS, GitHub

May 2023 – August 2023

- Volunteered to develop an e-commerce marketplace in collaboration with a 501(c)(3) non-profit organization, empowering over 1,800 refugees to sell goods and services free of charge
- Engineered a feature-rich user interface using React, TypeScript, and Tailwind CSS, integrating customer-focused design specifications to drive a 25% increase in sales for refugee owned stores

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript

Technologies: Spring Boot, Kubernetes, Helm, Google Cloud Platform, React, GitHub