

# Joey Orofino

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## SKILLS

### Programming

Java, JavaScript, React, Python, Google Cloud Platform (GCP), Flux, Helm, Tailwind CSS, Cloudbuild (CI/CD), Kubernetes, D3.js

### Concepts

Algorithms, Data Structures, Cloud Computing, Agile, Unit testing, UI/UX Information Visualization, Scrum

### Tools

Git, GitHub, GCP Console, Java Spring Boot, Figma, Sonar, IntelliJ, Android Studio, Unity, Jupyter Notebook

## EDUCATION

**Georgia Institute of Technology** | *Bachelor of Science in Computer Science*

**Expected December 2024**

- Major GPA: 3.6

## EXPERIENCE

**NCR Corporation** | Software Engineer Intern

**May 2023 – August 2023**

- Developed a 3D data visualization to analyze 15M order events daily, enabling actionable insights for customers
- Utilized GCP, Java Spring Boot, Flux, Helm, and React, showcasing my ability to learn new technologies quickly
- Implemented an automated deployment pipeline, resulting in streamlined and secured production releases
- Received the “Best Project” award from the executive leadership team, standing out among 215+ other interns

**Develop for Good** | Software Engineer Intern

**April 2023 – September 2023**

- Developed an E-Commerce marketplace, enabling over 1800 refugees to sell hundreds of goods and services
- Leveraged React.js and Shopify/Stripe API's to give customers tools for effectively managing their online stores
- Anticipating a 50% surge in sales for refugee entrepreneurs, empowering them to expand their market reach
- Aligned project outcomes with company's mission to uplift marginalized communities through innovative software

**Georgia Tech** | *Head Teaching Assistant - Data Structures & Algorithms*

**August 2023 - Present**

- Authored Georgia Tech's award-winning open online course, teaching over 20,000 students annually
- Teaching 1300+ students on advanced computing topics, fostering an in-depth understanding of subject matter
- Managing a 60-member TA team to create a vibrant and supportive learning environment
- Received a performance-based raise to Head TA after contributing to the TA team for three semesters

**Google Developers Club** | *President*

**September 2022 – Present**

- Orchestrating technical workshops, hackathons, and speaker sessions, drawing participation from 550+ students
- Led comprehensive technical workshops, teaching club members Google Cloud tools, React, and GitHub
- Establishing partnerships with tech companies to bring real-world insights and opportunities to members
- Advocating for \$10,000+ in funding, empowering larger events that foster community and club participation

*Head Technical Lead*

**August 2022 – May 2023**

- Managed website development for a local non-profit organization, increasing their donations by 50%
- Hosted weekly office hours to provide technical expertise to club members for Google's Solution Challenge

## PROJECTS

**Discrete Math Learning Platform** | Capstone Project

**January 2023 – Present**

- Developing an innovative platform to catalyze mastery of Discrete mathematics for over 1000 weekly users
- Integrating a python-based algorithm for auto-generating and grading intricate mathematical proofs
- Utilizing MongoDB, Express, React, and Flask to create a feature-rich and intuitive application

**Visualization Tool** | *Data Structures & Algorithms*

**August 2022 – July 2023**

- Improved upon interactive JavaScript visualizations, resulting in GT resource that helps over 200 daily users
- Incorporated dynamic pseudocode highlighting, giving students an intuitive understanding complex code

**Game Suite** | *Object Oriented programming Project*

**May 2022 – August 2022**

- Developed unified process artifacts to better perform a Agile iterative design process, optimizing operations
- Engineered a Kotlin-based chess bot, highlighting object-oriented programming skills

## AWARDS

**Squarepoint Foundation Scholarship** | Recipient

**August 2023**

- Received \$20,000 scholarship award for outstanding service to the College of Computing at Georgia Tech, showcasing my dedication to academic and community excellence