

Joey Orofino

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SKILLS

Programming

Java, JavaScript, React, Google Cloud Platform (GCP), Kubernetes, Flux, Helm, Tailwind CSS, Cloudbuild, Python, Three.js

Concepts

Algorithms, Data Structures, Agile, Information Visualization, Cloud Computing, Scrum, Graph theory

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

EDUCATION

NCR Corporation | Software Engineer Intern

May 2023 – August 2023

- Developed a 3D data visualization tool to analyze 15M daily order events, enabling actionable insights
- Utilized GCP, Java Spring Boot, and React to convert intricate data into a intuitive and interactive tool
- 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 their goods and services
- Leveraged React.js and Shopify/Stripe API's to give refugees 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 – Present

- 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