Joey Orofino

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EDUCATION

Georgia Institute of Technology, Atlanta, GA   expected grad May 2024
- Bachelor of Science in Computer Science.

EXPERIENCE

Teaching Assistant, Data Structures and Algorithms   June 2022 – Present
Georgia Tech College of Computing   *Atlanta, GA*
- Assist in teaching 1000+ students key concepts of programming, data structures, and algorithms
- Instructed weekly recitation lectures for 100+ registered students
- Guided students through homework's and course material in 3-hour weekly office hours
- Enabled student success through detailed feedback on homework's and daily quizzes

Technical Lead, Google DSC   September 2022 – Present
Georgia Tech   *Atlanta, GA*
- Lectured Google Firebase data storage and user authentication technology to over 300 members
- Taught Google technologies and core programming concepts in monthly workshops
- Engineering club's internal technologies to improve member involvement and engagement

Shift-Leader, Barista   June 2020 – August 2021
The Red Bean   Annapolis, MD
- Managed and maintained store operations for 500+ patrons per shift
- Trained 10 new employees in customer service, business operations, and workflow procedures

SKILLS

Programming: <u>Intermediate</u> - JAVA, React, JavaScript, HTML, Firebase and C
                          <u>Beginner</u> - Kotlin, Assemble, CSS, and C#
Concepts: Data Structures and Algorithms, Agile, UP, HCI Computer Organization, and UI Design
Tools: Git, GitHub, VSCode, IntelliJ, Android Studio, and NPM

PROJECTS

Visualization Tool, Data structures and Algorithms   August 2022 – Present
- Enhanced *csvistool.com* which enables 1000+ students to visualize structures and algorithms
- Implementing reactive pseudocode visualizations for various algorithms in JavaScript

Learning Management System, HCI Project   August 2022 – Present
- Conducted interviews to access and solve issues in Data Structures and Algorithms course
- Designing LMS website that allows students to easily access and learn complex course material

Game Suite, Class Project   May 2022 – August 2022
- Collaborated with 4 partners to develop Chess, Blackjack, and Wordle games in Kotlin
- Integrated and created unified process artifacts and models for Objects and Design course

Database Manager, Google Firebase Project   August 2022 – Present
- Integrated real time database to store and mange website users using Firebase and JavaScript

PaperPlanes, Video Game Development Club   January 2022 – May 2022
- Corresponded with 45 club members to develop large scale interactive game in *C#*

Involvement

Robotics Outreach Club, Member   August 2021 - Present
- Volunteered at community robotics events, including *VEX*, *FIRST*, and *BEST* Robotics competitions
- Helped educate, inform, and promote robotics within local and large community events

Chess Club, Member   August 2021 – Present
- Developed intellectual and problem-solving skills while connecting with fellow peers