

DAVID BROWN

Software Engineering Intern

✉ d.brown@email.com

☎ (123) 456-7890

📍 Pittsburgh, PA

🌐 [LinkedIn](#)

PROJECTS

CodeCraft

Participant

📅 2023

- Worked with a team of 4 on Git to design an efficient solution for a real-world problem in a university-wide coding competition.
- Led the build phase, optimizing solution strategies and **boosting the algorithm's output by 29%** with the help of IntelliJ IDEA.
- Architected a scalable solution that outperformed 16 algorithms of other participants in efficiency and robustness, securing first place in the competition.
- Executed 32 JUnit tests to validate the integrity of the created algorithm solution, achieving a 97% success rate.

DataForge Analytics

Researcher and Presenter

📅 2022

- **Analyzed 7.2TB+ unstructured data on a MySQL database** to uncover crucial patterns and trends.
- Developed a data mining algorithm on React.js, increasing the accuracy of current predictive analytics models by 59%.
- Presented findings on the best data mining techniques at 3 university events, contributing to extracurricular activities for computer science students.
- Led a collaborative project with another university, creating a groundbreaking predictive model with 93.7% accuracy.

SecureNet Workshop

Attendee

📅 2021

- Organized a comprehensive cybersecurity workshop for 126 students, increasing awareness of vital digital security practices.
- Curated a diverse curriculum to help all attendees understand the use of Java in encryption and network security protocols.
- Facilitated a post-event Q&A session, addressing 48 queries, and fostering a deep understanding of cybersecurity.
- **Garnered media coverage in 7 local tech publications**, reaching 6,322 residents and raising awareness of the importance of cybersecurity education.

OBJECTIVE

Budding software engineering student, seeking to contribute my expertise in developing innovative analytical algorithms to Google's cutting-edge projects. Excited about the opportunity to apply my Java, MySQL, and JUnit skills to Google's diverse challenges, honing my abilities in them further and making impactful contributions to the team.

EDUCATION

Bachelor of Science

Software Engineering

Carnegie Mellon University

📅 2020 - current

📍 Pittsburgh, PA

SKILLS

- Java
- IntelliJ IDEA
- Git
- React.js
- MySQL
- JUnit