Josh Bedwell

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EDUCATION

Bachelor of Science in Computer Science   Major GPA: 3.34
Emphasis in Software Engineering
Aug 2016 – Apr 2023
Brigham Young University, Provo, UT

EXPERIENCE

Research Intern   Apr 2021 – Present
BYU Social Technology and Privacy Lab   Provo, Utah
- Conducted user testing and analyzed results to author two academic papers under revision
- Developed and maintained privacy-focused software
- Utilized natural language processing techniques to analyze large datasets
- Collaborated with exports to study how neurodivergent individuals interact with technology

Research Assistant   Dec 2020 – Aug 2021
BYU Chemical Engineering   Provo, Utah
- Author of one academic paper under revision
- Rewrote and optimized scientific libraries in C++
- Created user-friendly APIs for scientific simulations
- Contributed to performance-critical chemical simulations by using optimized algorithms and data structures
- Implemented automated testing using Google Test

Teacher's Assistant   Jan 2019 – Dec 2020
BYU Chemical Engineering & Computer Science   Provo, Utah
- Assisted students in data structures & algorithms, discrete structures, and numerical tools courses
- Taught advanced C++ programming, including classes, memory management, and optimization
- Instructed students on scientific computing and data analysis in Python

SKILLS

C/C++	Python	Java	JavaScript	HTML/CSS
Django	Maven/Gradle	Git	GitHub	CMake
Swift	SwiftUI	Rust	AWS	NLP