Brent George

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EDUCATION

Brigham Young University   Apr 2022
Computer Engineering, Bachelor of Science   Provo, UT

4.0 GPA | Monson Presidential Scholar - Top Academic Scholarship at BYU
            Dean's List – College of Engineering
            Minors in Mathematics and Computer Science

SKILLS

Technical Proficiencies	Relevant Coursework	Foreign Languages
Fluent - C#, Git, SQL	Advanced Programming Concepts	Tagalog (Filipino)
Conversational - Android, C, Java,	Embedded Programming	Full Professional Proficiency
Javascript, Unix/Linux, Python	Signals & Systems	Spanish
Tourist - C++, Dart, Go,	Electronic Circuit Design	Limited Working Proficiency
Kubernetes, SystemVerilog		

RELEVANT EXPERIENCE

Select Bankcard   May 2020 - Present
Software Development Intern   Lehi, UT

- Design and implement Windows services and applications to automate company processes
- Eliminated 1.5 hours of daily tasks with custom C#/SQL automation services
- Perform weekly code reviews to assess security concerns and testing coverage in code base

Navitaire, an Amadeus Company   Oct 2019 - Apr 2020
Cloud Solutions Intern   Salt Lake City, UT

- Improved service handling 1+ million events/min by researching open-source technologies
- Assisted in conversion of 3 million lines of code to Azure-ready microservices

Scalar LLC   Jan 2019 - Nov 2019
Software Development Intern   Draper, UT

- Created and managed SQL database to store and report company data in real-time
- Interacted with RESTful APIs to create automated flows for company processes

PROJECTS & RESEARCH

Utah Underwater Robotics   Feb 2019 - Present
Executive Director   Provo, UT

- Manage K-12 underwater robotics association hosting competitions for 1000+ students
- Overhaul organization website to migrate old content and handle concurrent users

BYU Department of Electrical & Computer Engineering   Sep 2020 - Present
Research Assistant   Provo, UT

- Analyze data patterns in FPGA aging experiments

Personal Project - Study Smarter Flashcards   Mar 2020 - Present
Native Multi-Platform Application

- Published UWP study aid app to Microsoft Store that can import flashcards from class notes
- Develop native Android and iOS apps as mobile complements to Windows app

VOLUNTEER EXPERIENCE

BYU Tutoring - Volunteer-tutored STEM courses for 100+ hours   Jan 2019 - Present

IEEE BYU Branch - Led marketing among 600+ students   Dec 2018 - Jan 2020

Church of Jesus Christ of Latter-Day Saints - Two Year Full-Time Volunteer   Aug 2016 - Aug 2018