


WILLIAM WILLDEN

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EDUCATION

B.S. in Software Engineering | Brigham Young University - Idaho

APRIL 2011 – AUGUST 2019

RELEVANT COURSEWORK & CURRICULUM:

- Database Design and Development
 - Learned from a professor with experience in Oracle for 8 years
 - How to design and interact with a SQL Database
 - Best practices of Relational Databases
- Software Design and Development
 - Java and the Android Studio Environment
 - Test Driven Development
 - Skills with collaborative software development
- Software Engineering I, II, & III
 - Software Development Methodologies
 - Project Management Tools
 - SRS & SDD Development



EXPERIENCE

Junior Test Analyst | Charter Communications

JANUARY 2019 – CURRENT

Tested Billing Software to ensure successful merge of different companies into one overarching billing system. Involved in testing new systems to make it easier for the billing division to maintain accurate billing information.

Software Engineer Intern | EZ-NetTools

JULY 2017 – APRIL 2018

Developed software that allowed EZ-NetTools to help businesses transfer from an old and outdated system to a new system. Also advised in developing the EZNetTools Plus Android App which assists businesses in sending reminders to customers to review their services.

Floor Manager | McDonalds

NOVEMBER 2014 – JULY 2017

Used leadership skills to help boost the productivity of the crew of the restaurant. Other responsibilities included money accountability, food safety, and accepting and checking truck deliveries.



SKILLS

- Languages: C++, Python, Java, Kotlin, PHP, Javascript, HTML5
- Frameworks: Flask, Django, JQuery, Bootstrap
- Databases: Postgres, MySQL, Oracle
- Experience in Leadership
- Eye for Design and Efficiency



ACTIVITIES, PROJECTS, AND RESPONSIBILITIES

- Tuba Section Leader for High School Marching Band (August 2017 – April 2018)
 - Coordinate with the tuba section and the rest of the band
 - Promote team building exercises
 - Quality assurance of the music for the tuba section
- Missionary for the Church of Jesus Christ of Latter-Day Saints in Porto Alegre, Brazil (2009-2011)
 - Give service to those in need
 - Communicate beliefs succinctly and effectively
 - Account for hours and work to leaders
- President of the local ACM chapter of BYU-Idaho (April 2018 – July 2018)
 - Organize meetings
 - Build people's interest in learning about computers
 - Led people in learning new technologies
 - Ran first University Game Jam
- Magic Vision Project
 - Self-motivated project in Computer Vision to make a program be able to identify Magic: the Gathering cards with a camera and organize them into lists.
 - Researched tools such as Perceptual Hashing and OpenCV to accomplish image identification.
- Nebula Gladiator Project
 - A 3D game made in Unity and C#
 - Worked with over 20 other students in other departments on campus including the Art, Music, and Communications departments.
 - Produced a functional prototype using assets produced with other people.
 - Communicated with tools such as video conferencing and Kanban.