

John Duncan Shaeffer Jr.

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EDUCATION

B.S. Computer Science, Arizona State University, Ira A. Fulton School of Engineering, Tempe, AZ

GPA: 3.67 Dec 2019

COMPLETED RELEVANT COURSEWORK

Principles of Programming, Arizona State University

Aug 2017 – Present

- ❖ Sorting and searching algorithms through complex patterns of nested looping and arrays, building on 2 years of Java experience.

Intro Computer Programming, Brigham Young University

Jan 2017 – Apr 2017

- ❖ Mastered essential programming fundamentals and Java syntax through the creation of 4 team-coded Graphical User Interface (GUI) applications.
- ❖ Acquired primary knowledge on JavaScript as well as jQuery concepts, built upon previous HTML experience to enhance 2 personally coded websites.

Intro Management Information Systems, Brigham Young University

Sep 2017 – Dec 2017

- ❖ Manipulated and analyzed data that spanned over 54 class hours to improve managerial decision-making.
- ❖ Obtained vast skill in Microsoft Excel and Tableau by sorting 1 large database from an international retailer.
- ❖ Produced 1 personally published and active website utilizing HTML and CSS.
- ❖ Designed, built, and queried over 10 databases using SQL and more than 30 macros through Visual Basic for Applications (VBA).

PROFESSIONAL EXPERIENCE

President, Shaeffer Enterprises, Tempe, AZ

Mar 2017 – Present

- ❖ Creating an Android application intended as a tool for authors to identify the points of view rendered from their readers so that they may become more effective detail oriented story-tellers.
- ❖ Delegating tasks to a team of 4 quality assurance and debugging experts in order to identify any details missed during the development process.

Information Systems Intern, Cottonwood Residential, Salt Lake City, UT

May 2017 – Aug 2017

- ❖ Increased team efficiency of over 12 auditing projects via formula-driven spreadsheets in Microsoft Excel in order to complete the firm's Q1 financial reporting in a timely manner.
- ❖ Progressed the company towards further organization by working closely with tax and audit managers, resulting in the location of an accounting inaccuracy of approximately \$1.2 million.

Website Developer, We Include Pluto, Provo, UT

Jan 2017 – Apr 2017

- ❖ Led a team of 4 individuals, each with diverse educational pursuits, over a 4-month project to boost the client's social media following through various marketing campaigns, including Facebook and Instagram management and event promotion.
- ❖ Spearheaded the creation of 1 website in order to sustain their 33% increase in social media growth, granting them with a professional presence.

Computer Lab Administrator, Brigham Young University English Language Center, Provo, UT

Mar 2016 – Jun 2016

- ❖ Submitted data projects through Microsoft Excel and Google Sheets to maximize international student learning and minimize difficulties for 100s of students and their instructors.
- ❖ Guided 100s of international students as administrator in the school's computer lab, helping them use the computers in an effective manner, allowing them to complete their coursework efficiently and pass the TOEFL exam.

LEADERSHIP/COMMUNITY SERVICE

Developer, Software Development Association (SoDA), Tempe, AZ

Sep 2017 – Present

- ❖ Applied skills in Java to create a 4000-line solo video game project based on complex patterns of boolean logic and data structures in order to further personal coding development.

Full-Time Volunteer Representative, The Church of Jesus Christ of Latter-day Saints, Paraguay

Sep 2013 – Sep 2015

- ❖ Created learning environments by connecting 10s of 1000s of citizens with local leaders to establish Christian growth in 5 separate urban areas throughout 2 years of service.
- ❖ Led events monthly for over 50 volunteers at a time by leveraging team skills to result in more positive and concrete execution.
- ❖ Became District Leader, Trainer and Zone Leader, appointed by President Pedro David Agazzani, to oversee volunteer's progress, conduct administrative meetings, and receive an account of work accomplished, all on a weekly basis (over 100 times).
- ❖ Gained a proficient skill in professional written and oral Spanish.

Eagle Scout, Boy Scouts of America, Phoenix, AZ

Jun 2007 – May 2011

- ❖ Fixed approximately a 2 mile stretch of a run-down portion of the Arizona Trail by leading a group of 40 adults, delegating separate tasks and acquiring sponsors.

PERSONAL HOBBIES/INTERESTS

Family, Fishing, Backpacking (PCT 11% completed), Video games, Old movies, Basketball, Piano, Viola, The Andy-Griffith Show