

# Taylor J. Dawson

STUDENT · GEORGE FOX UNIVERSITY

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## Education

### George Fox University

B.S. IN MATHEMATICS & COMPUTER SCIENCE – CONC. IN CYBER SECURITY

- Dean's List Spring 2017
- Richter Scholar Recipient
- Resident Assistant

*Newberg, OR*

*Expected April 2019*

### Corban University

B.S. IN MATHEMATICS

- Dean's List Fall & Spring 2014

*Salem, OR*

*2013-2016*

## Course Work

Intro to Computer Science I & II	Software Engineering
Digital Logic Design	Secure Software
Digital Forensics	Discrete Mathematics
Number Theory	Math Analysis
Data Structures	Microprocessor Architecture

## Technical Skills

<b>Programming Languages</b>	(Expert) Python   (Familiar) Java   (Familiar) SQL   (Familiar) C   (Familiar) Javascript
<b>Hardware Description Languages</b>	Verilog
<b>Environments</b>	Windows   Linux   MacOS
<b>Misc.</b>	Git   $\LaTeX$   Android Development   Web Development

## Projects

### Simon Board Game

DIGITAL LOGIC CLASS

- Implemented a version of Milton-Bradley's SIMON game using the Nexys2 FPGA board along with the Simon board.
- The FPGA board was programmed using Verilog

*Fall*

*2016*

### Software Development

SOFTWARE ENGINEERING

- Experienced the software development process first hand
- Played the role of Project Manager
- Drafted up a Requirement Specification Document

*Fall*

*2016*

### Office Quote Website

PERSONAL PROJECT

- Implemented a website that enables users to search for an office quote and then view the quote where it begins.
- Gained a better understanding of Javascript/jQuery
- Implemented a basic web server in Python
- Gained experience running an Elasticsearch server
- Learned how to run and manage a Google Cloud VM