

Joshua David Wootonn

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Education

University of Iowa – Iowa City, Iowa
Bachelors of Science in Computer Science and Engineering
Focus: Software Engineering

Estimated Graduation: May 2019
Gpa: 3.62 out of 4.00

Work Experience

Project Estimator and Software Developer

March 2016 – Present

All American Concrete Inc., West Liberty, Iowa

- » I saw a need to track labor cost more precisely, and purposed different options to fill this need
- » Designed Time Track, which is software now being used to track where and when work is being done
- » Taught myself the Qt C++ framework, SQL, and QSS in order to accomplish this.
- » Setup a local network with tablets in place for employees to document their work time
- » Measured and setup construction projects as a part of the estimating process
- » Built office computers and disassembled a HP DesignJet printer to see what parts needed to be replaced

Shift Manager

March 2013 – May 2016

Chick-Fil-a, Coralville, Iowa

- » Co-led a kitchen that consistently had a positive food gap
- » Part of a team that raised sales by greater than 15% each year
- » Learned to deal with stress and do so while still performing with excellence

Personal Projects

Portfolio

- » Taught myself HTML, CSS, and JavaScript in order to create my website(joshuawootonn.com)
- » Constantly adding projects that I am working on there

3Pi Robot Delivery System

- » Worked with a 3Pi Robot to make it “deliver” items to multiple locations
- » In reality the purpose of the project was to create a route for the robot to follow and then edit it according to the delivery location
- » This involved manipulating a linked list of turns needed for the route

Volunteerism & Leadership

Intern

J-Life South Africa, Johannesburg, ZA

Jun 9, 2015 – Jul 27, 2015

- » Trained and collaborated with other interns in planning and running three camps for orphans

Dental Assistant

Dr. William Wever, DDS, Manzanillo, Mexico

March 2016

- » Volunteered to assist in a dental clinic for orphans
- » Personally polished and flossed, while assisting in the filling, sealing, and extraction of teeth

Technical Skills

Languages and Tools: C++, Qt, Java, HTML, CSS, QSS, SQL, Excel, Photoshop

Strong Understanding and Application: Algorithms, Data Structures, Probability, Computer Design, Networking