

# Joshua David Wootonn

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## Education

**The University of Iowa – Iowa City, Iowa**  
Bachelor of Science in Computer Science and Engineering  
Focus: Software Engineering

Estimated Graduation: May 2019  
GPA: 3.54/4.00

## Work Experience

### Software Development Intern

September 2017 – Present

IDx LLC, Iowa City, Iowa

- » Converted and optimized 3 legacy programs from Python to C#
- » Automated retrieval, markup, and update of requirement documentation on TFS and SharePoint

### Project Estimator and Software Developer

March 2016 – August 2017

All American Concrete Inc., West Liberty, Iowa

- » Designed an application in the Qt, C++ framework to track and analyze labor costs
- » Deployed Time Track to tablets connected to a MySQL server allowing employees to input work times

## Technical Skills

**Languages and Tools:** Javascript, React, C++, C#, Qt, Java, Ruby, Rails, Python, HTML, Sass, CSS, MySQL, Linux  
**Strong Understanding and Application:** Algorithms, Data Structures, Probability, Computer Design, Networking

## Personal Projects

### Midwest Big Data Hackathon

September 2017

- » Collaborated with a group of other students create a Twitter hashtag tracker called Tweet
- » Adapted to stringent Twitter call caps and gained experience with the Google Maps API

### RightClick.gg

August 2017

- » Studied React to create a player analysis app for League of Legends
- » Expanded knowledge of Ajax to pull data without redundancy

### The Odin Project

March 2017 – August 2017

- » Completed over 40 projects and numerous readings on Ruby, Rails, Git, JavaScript, and JQuery
- » Finished projects ranging from a flight registration system in Rails to a chess game in Ruby
- » Expanded knowledge on Object Oriented, Test Driven, and RESTful development

### Portfolio (joshuawootonn.com)

December 2016 – March 2017

- » Created a responsive portfolio website using HTML and Sass
- » Utilized said website to document past work and showcase new projects

## Volunteer Experience

### Dental Assistant

March 2017

Dr. William Wever, DDS, Manzanillo, Mexico

- » Assisted in daily operations of a dental clinic that served over 30 orphans
- » Polished and flossed, while assisting in filling, sealing, and extracting teeth

### Intern

June 2015 – July 2017

J-Life South Africa, Johannesburg, ZA

- » Trained and collaborated with other interns in planning and running three camps for orphans
- » Led cross country running groups and coached kids that were aspiring runners