

Cameron Boyd

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github.com/cboyd74



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Education

B.S. in Computer Science

University of Wisconsin – Madison

Madison, WI – Expected May 2021

Relevant Coursework

- Programming I, II, & III
- Machine Organization and C Programming
- Programming Languages & Compilers
- Operating Systems
- Artificial Intelligence
- Algorithms
- Discrete Mathematics
- Linear Algebra
- Calculus I & II
- Statistics for Engineers

Currently Enrolled (Spring 2021):

- Software Engineering
- Database Management Systems

Summary

Student of computer science with extensive education in programming, algorithm design, and mathematics. Effective communicator and quick learner in search of an internship or entry level position in the software engineering industry.

Skills

Java – C – Python – HTML/CSS – JavaScript – Git – Data structures

Algorithm design & analysis – Problem solving – Detail oriented

Software Projects

Conway's Game of Life (Java, JavaFX for UI)

- An implementation of the cellular automaton created by John Conway
- This project gave me practice in designing a software program independently, as well as with integrating the back end of a program with a simple UI.

Compiler (Java)

- A compiler for a simple programming language designed, as a class, throughout the duration of my compilers course
- The code generation portion of this project was by far the most helpful and rewarding

Unix Shell (C)

- Simple command line interpreter completed as part of my operating systems course
- This project was very informative on the overall management of processes in Linux
- Provided great practice with the basics of the C language, especially pointers

Work Experience

02/2020 – Present
Madison, WI

Whole Foods Market

Bakery Team Member

Steve Eriksen – 608.233.9566

05/2019 – 09/2019
Fitchburg, WI

City of Fitchburg Parks Department

Seasonal Maintenance Worker

Johren Frydenlund – 608.729.1750

06/2016 – 09/2018
Watertown, WI

City of Watertown Parks Department

Seasonal Maintenance Worker

Jeff Doyle – 920.262.8088