

Patrick Egan

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Objective

A computer science internship developing and maintaining software for the summer of 2018.

Education

B.S. Computer Sciences, Major GPA 4.0/4.0, expected May 2020

B.S. Mathematics, Major GPA 4.0/4.0, expected May 2020

University of Wisconsin – Madison

- Cumulative GPA 3.965/4.0
- Member of College of Letters & Science Honors Program

Relevant Coursework

- Intro to Data Structures, Intro to Discrete Math

Programming Languages

- Java, HTML, CSS, Python

Projects

Personal Website: Designed and deployed personal website using HTML and CSS.

Navigation Graph: Created program that builds a graph representing locations taken from a text file. Implemented Dijkstra's Algorithm and graph traversal algorithms.

Interval Tree: Developed software that acts as a scheduling assistant by creating a binary search tree using data from a text file. Implemented recursive insertion, deletion, and traversal algorithms.

Work Experience

University of Wisconsin – Madison, Department of Computer Sciences

Undergraduate Research Assistant, September 2017 – Present

- Implemented new network policies for Genesis, a datacenter network manager
- Extended Genesis Programming Language to accommodate new network policies

Pretzel & Stouffer, Chartered, Chicago, IL

Administrative Services Assistant, May – August 2017

- Aided the law firm's administrator in day-to-day operations of the firm
- Helped managing partners in preparing attorney performance data
- Assisted the law firm's administrator in filing, maintaining, and destroying legal records

American Lawn Pros, Western Springs, IL

Manager, May 2013 – August 2016

- Organized shifts and supervised workers
- Logged all employee wage and hours data
- Performed quality control audits of employees' work