

Andrew Nolan

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Objective

Student looking for a summer internship in the computer science industry.

Education

Worcester Polytechnic Institute, Worcester MA, May 2021

Bachelor of Science, Computer Science, Deans List, GPA: 3.96

Computer Skills

Languages

Java, C#, JavaScript, CSS, HTML, Python, Racket, C++, SQL

Software/Tools

node.js, Firebase, AWS, Visual Studios, Sitecore, WordPress, Kentico CMS, Linux, Eclipse, Virtual Box

Relevant Course work

Object-Oriented Design Concepts, Algorithms and Data Structures, Software Engineering, Database Systems I, Database Systems II, Software Security Engineering, Webware, Theory of Computation

Related Experience

Student Teaching Assistant, WPI, Worcester MA, October 2018-present

- Teach introductory coding courses in Python, Java, and Racket

Web Development Intern, Wakefly, Marlborough MA, May-August 2019

- Developed responsive web applications using CSHTML, SCSS, JavaScript and C#
- Worked with several CMS including Sitecore, Umbraco, Kentico Cloud, and Wordpress

IT Intern, NMS Labs, Willow Grove PA, May-August 2018

- Assisted in developing a web application for sales using HTML, JavaScript, and CSS
- Programmed an inventory management application using C# and the MVC framework

Projects

Personal Website, my apartment, ongoing

- Developing a website to host my resume information and eventually personal projects

Game Website, WPI, October 2019

- Developed a website to play several JavaScript games as a final project for CS4241, Webware
- Used a node.js with express for the backend, database stored in a NOSQL Firebase Server
- Worked in a team of 5 other programmers

Scheduling Application, WPI, October 2018-December 2018

- Created a web-based calendar application for scheduling meetings with a team of 4 people
- Hosted the site using AWS

Social Issues in Interactive Media Final Project, WPI, January 2018-March 2018

- Programmed a puzzle game in Python to discuss the issue of government surveillance with a team of 5 people

Activities

- Chess Club, President, August 2017 – present
- Upsilon Pi Epsilon, Member, January 2019 – present
- Association for Computing Machinery, Member, August 2018 – present
- Math Hour, Member, August 2018 – present
- Boy Scouts, Eagle Scout, March 2010 – April 2017