Matthew Carter

Computer Scientist

I am currently a computer science undergraduate with a minor in mathematics at Western Washington University. I am passionate about all kinds of technology and strive to innovate and motivate the future of technology.

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EDUCATION

BS in Computer Science
Western Washington University

09/2017 – Present   *GPA: 3.23*

Courses

- CSCI 330 - Database Systems
- CSCI 347 - Computer Systems II
- MATH 331 - Ordinary Differential Equations
- CSCI 345 - Object Oriented Design
- CSCI 511 - Analysis of Algorithms
- MATH 341 - Probability and Statistics

AS-T in Computer Science
Clark College

09/2015 – 06/2017   *GPA: 3.02*

Courses

- CSE 222 - Intro to Datastructures
- MATH 224 - Multivariable Calculus
- CSE 223 - Data Structures & OOP

WORK EXPERIENCE

IT Systems Admin Intern
Christenson Electric

06/2016 – 09/2018   *Portland, OR*

Achievements/Tasks

- Designed forms for a web-based platform to improve technician efficiency
- Developed actions and submission fields for the forms
- Setup and deployed various devices such as desktops, laptops, and iPads to employees throughout the office
- Managed the IT infrastructure throughout the office

Contact: *Jesse Turner – Jesse.Turner@christenson.com*

SKILLS

Problem-solving   Collaboration   Communication

C   Java   Python   Linux   Git   Data Structures

Design Patterns

PROJECTS

ScoutBot (11/2018 – Present) ⤴

- Connects Discord users to the Riot API for League of Legends allowing them to query players and matches as well as create a scouting report for a team of players showing said team's strengths and weaknesses.

macarter.net (07/2018 – Present) ⤴

- A website that was designed to be a portfolio while learning the basics of HTML and CSS using Bootstrap.

CSCI 345 - Deadwood Studios USA (05/2018 – 06/2018)

- Designed a Java game based on the real board game Deadwood Studios USA. Developed the back end system and game rules then designed a GUI that mimicked the real game board for users to play on.

CSCI 347 - Microshell (04/2018 – 05/2018)

- A miniaturized shell application that can handle all of a normal shell's commands as well as some extra functionality. It's capable of parsing commands that are given, handle piping, and execute the individual commands.