Jonathan Taylor

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**github.com/Jtmonument**

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**SUMMARY**

A proactive, enthusiastic, detail-oriented computer science graduate with 7 years of experience in Java as well as several years of experience in various other languages. I am a great listener who loves people. I thrive in teams as well as when I am alone. This has proved useful to others on GitHub and Stack Overflow.

**EDUCATION**

**BSc Computer Science**

**Minor in Cyber Security**

**Troy University**

**GPA: 3.3**

**RELEVANT COURSES**

**Software Engineering CS-3332-XTIA**

* Scrum and Agile system development life cycles

**Analysis of Algorithms CS-3329-TSAA**

* Dynamic programming, graph theory, other data structures, etc.

**Cyber Security Technique & Practice CS-4455-TSAA**

* VirtualBox, Kali Linux (virtual machine), nmap, pentbox (honeypot), iptables, pfSense, wireshark, snort (IDS), firewall-builder, scapy

**skills**

**French [Limited Proficiency]**

**GitHub & Git (Version Control)**

**Java [Very Proficient] (7 years)**

* Maven, JavaFX, JUnit (Unit Testing)
* Spring (H2 Database, JPA, Web MVC, Thymeleaf, HATEOAS, Lombok, DevTools, Actuator, MySQL Driver)

**Python [Proficient]**

* Selenium, browsermob-proxy, Scapy

**Frontend Technologies :**

* HTML, CSS, Bootstrap, JavaScript, jQuery

**Server-Side Technologies :**

* MySQL, PHP, XAMPP

**IDE :**

* IntelliJ [Very Proficient]
* PyCharm [Very Proficient]

**Projects**

**Open-source Algorithms**

**GitHub: TheAlgorithms/Java**

* Topological Sort PR #3060, JUnit5

**List of Spring Projects**

**GitHub: Jtmonument/spring-repos**

* REST API, Pet Clinic, Web Application

**McRonalds Restaurant Database**

**GitHub: Jtmonument/sql-database-project**

* Complete with functions, triggers, and EER Diagrams, MySQL, MySQL Workbench

**Japan Travel Website**

**GitHub: Jtmonument/japan-travel-website**

* Booking Flights, PHP, SQL, XAMPP, HTML, CSS, JavaScript

**EXPERIENCE**

**Computer Science Club Web Master**

**Troy University Computer Science Club**

**Dec 2021 – May 2022**

* maintaining the Computer Science club website and club activities

**Student AV/Tech Assistant**

**Jan 2020 – Sep 2020**

**Troy University**

* Setting up technical equipment for university events

**Auburn Hackathon**

**Feb 2020**

**Auburn University**

* creating a game in C++ that enables players to disturb PC functionality

**Troy Hackathon**

**Jan 2020**

**Troy University**

* team project working on frontend pet adoption website

**UAB Programming Competition**

**Feb 2018**

**University of Alabama at Birmingham**

* solving algorithmic problems within the allotted time

**Cashier/Cook**

**June 2017 – Present**

**McAlister’s Deli**

* serving guests and preparing items on the menu