
JONATHAN TAYLOR

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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

McDonalds 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