

# JONATHAN TAYLOR

## SUMMARY

Diligent, detail-oriented, open-source-contributing computer science graduate with 7+ years of experience working with Java and 2+ years of experience working with frontend web technologies. I am a great listener with great interpersonal skills. I will put a smile on your face. Expect a faithful, morale-boosting self-learner eager to make an impact to all who rely on him.

## CONTACT

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github.com/Jtmonument

## EDUCATION

Troy University

B.Sc. Computer Science

Minor in Cyber Security

August 2018 – May 2022

GPA: 3.3

## RELEVANT COURSES

Software Engineering CS-3332-XTIA

- SDLC, Scrum, Agile, loose coupling, DevOps, extreme programming, pair programming

Analysis of Algorithms CS-3329-TSAA

- Time complexity, space complexity, dynamic programming, graph theory, shortest-path algorithms

Cyber Security Technique & Practice CS-4455-TSAA

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

Data Structures CS-3323-TSAA

- Arrays, linked lists, stacks, queues, trees, binary search trees, searching and sorting algorithms

## SKILLS

Programming Languages

- Java [Very Proficient] (7+ years of experience)
- Python [Limited Proficiency]

Soft Skills

- Problem solving
- Team-player
- Time management
- Intercultural
- Excellent communication
- Object-Oriented Programming Design
- SOLID principles
- French Language

Other technologies

- IntelliJ [Very Proficient] (5+ years of experience)
- Spring Framework (JPA, Web, HATEOAS & more)
- Maven
- Unit Testing (JUnit)
- Linux
- Selenium
- Frontend tech: HTML, CSS, JavaScript, jQuery
- Server-side tech: MySQL, PHP

## CERTIFICATIONS

- IBM DevOps, Cloud, and Agile Foundations Specialization
- IBM Containers w/ Docker, Kubernetes & OpenShift
- IBM Getting Started with Git and GitHub

## PROJECTS

Open-source Algorithms

GitHub: TheAlgorithms/Java

- Topological Sort PR #3060, JUnit5

List of Spring Projects

GitHub: Jtmonument/spring-repos

- REST API with an MVC, Pet Clinic website, Web Application

“McDonalds” Restaurant Database

GitHub: Jtmonument/sql-database-project

- Using MySQL and MySQL Workbench created a database with effective functions, triggers, and EER Diagrams

Japan Travel Website

GitHub: Jtmonument/japan-travel-website

- Using PHP, SQL, XAMPP, HTML, CSS, JS, I created the #1 UI in my class with good server-side scripting

## EXPERIENCE

Web Developer / Master

Troy University Computer Science Club

December 2021 – May 2022

- managing the Computer Science club website and club activities

Student AV / Tech Assistant Workshop

Troy University

January 2020 – September 2020

- Setting up technical equipment for university events

AuburnHackathon

Auburn University

February 2020

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

TroyHackathon

Troy University Computer Science Department

January 2020

- team project working on frontend page templates for a pet adoption website

Cashier/Cook

McAlister's Deli

June 2017 – Present

- serving guests with good customer service and faithfully preparing items on the menu