JONATHAN TAYLOR

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github.com/Jtmonument   linkedin.com/in/jonathan-taylor-746ba8195/

SUMMARY

Diligent, detail-oriented, recent computer science graduate with 7+ years of experience in Java software development and 2+ years of experience in web development. I am well respected by professors, classmates, and users on Stack Overflow. I am a great listener with great interpersonal skills. I thrive in teams and am task-driven when by myself. I have contributed to open-source repositories on GitHub and hope to contribute to TCS as well.

EDUCATION

Troy University
B.Sc. Computer Science
Minor in Cyber Security
August 2018 – May 2022
GPA: 3.3

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

McRonalds 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

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 paths

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

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 Workship
January 2020 – September 2020
Troy University
- Setting up technical equipment for university events

AuburnHackathon
February 2020
Auburn University
- creating a game in C++ that enables players to disturb PC functionality

TroyHackathon
January 2020
Troy University Computer Science Department
- team project working on frontend page templates for a pet adoption website

Programming Contest
February 2018
UAB
- solving algorithmic problems before allotted time

Cashier / Cook
June 2017 – Present
McAlister's Deli
- serving guests with good customer service and accurately preparing items on the menu

SKILLS

- **Problem solving**
- **Debugging**
- **Teamwork**
- **Time management**
- **Excellent communication skills**
- **Object-Oriented Programming Design**
- **SOLID principles**
- **Linux**
- **French [Limited Proficiency]**
- **GitHub**
- **Git (Version Control System)**
- **Unit Testing**
- **Java [Very Proficient] (7+ years of experience)**
- Maven, JavaFX, JUnit, Spring Boot
- **Spring Dependencies**
- H2 Database, JPA, Web, Thymeleaf, HATEOAS, Lombok, DevTools, Actuator, MySQL Driver
- **Python [Proficient]**
- Selenium, browsermob-proxy, Scapy
- **Frontend Technologies**
- HTML, CSS, Bootstrap, JavaScript, jQuery
- **Backend / Server-Side Technologies**
- MySQL, PHP, XAMPP, MySQL WorkBench
- **IDE**
- IntelliJ [Very Proficient]
- PyCharm [Very Proficient]