Justin T. Smith

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Summary

Software Engineer with advanced skills in Java, Python, C++, and C# programming. Knowledgeable of database administration and machine learning. Experienced with Agile Software Development, Clean Code Principles, Object-Oriented code design, Architectural Patterns, and Data Structures. Excellent communicator with an eye for design and detail.

Education

University of West Georgia | Carrollton, GA
Bachelor of Science in Computer Science, English Literature | May 2021

Work Experience

Microsoft | Atlanta, GA   June 2021 – Present
Software Engineer

- Ad Exchange and Monetization team
- Created Build and Release pipelines for deploying our project to Globally-distributed Kubernetes clusters
- Worked to decrease latency and increase throughput for our Real-Time Bidding Ad Exchange
- Ensured logging, testing, and clean code were top priority in production code

Across Healthcare | Carrollton, GA   September 2020 – May 2021
Software Developer – Intern

- Full-Stack Development with Angular, C#, MSSQL, and Azure B2C
- <u>Matrix Project</u> – Assisted the team with Database Standardization, Multilanguage Support, Site Navigation implementing UX Design Principles, and used NGRX State Management tools to build a server-side dynamic web application

University of West Georgia | Carrollton, GA   September 2019 - Present
Teaching Assistant – Computer Science

- Mentor students in-person and online with Software Development-related coursework
- Aid students in writing clean, efficient, and maintainable code
- Thoroughly inspect, debug, and grade student assignments

Research, Organizations, and Awards

<u>Research Presentations</u>

- **A Comparative Study of Supervised Learning Algorithms to Predict Potential Drug Abuse**
  Justin Smith, Aaron Merrell, and Tristen Rivera.   Sponsor: Dr. Ana Stanescu
  Abstract accepted for presentation at the 2020 UWG Scholars' Day Undergraduate Research Conference, Carrollton, GA.

<u>Organizations</u>

- **Secretary/Treasurer**, Association for Computing Machinery   August 2019 – August 2020

<u>Awards</u>

- OSHA 10-Hour Safety Certification, The Integrity Project.

Related Course Work

- System Architecture
- Neural Networks w/ Tensorflow
- Program Construction
- Network Administration
- Software Engineering
- Data Structures
- Information Management
- Intelligent Systems
- Distributed & Cloud Computing