

Justin M. Lugo

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Career Summary

Computer scientist/software engineer and Marine Corps veteran with 2+ years of professional software development experience. Huge passion for developing amazing applications. Always eager and open to new challenges that will help me grow as a developer. Previous positions include working within Formula 1 and the United States Air Force. Education includes a Bachelor's degree and Master's degree in Computer Science.

Education and Training

- August 2016 - May 2018
Texas Tech University
M.Sc. in Computer Science, **GPA: 4.0** on a 4.0 Scale
 - SMART Scholarship Recipient
- August 2013 - May 2016
East Carolina University
B.Sc. in Computer Science, **GPA: 3.81** on a 4.0 Scale

Relevant Courses:

Advanced Data Structures
Analysis of Algorithms
Programming Languages
Advanced Operating Systems
Software Project Management
Logic for Computer Scientists

Database Management
Computer Architecture
Software Engineering
A.I. - Intelligent Agents, Knowledge
Representation and Reasoning
Theory and Practice of Logic Programming

- June 2009 - June 2013
United States Marine Corps
Military Occupational Specialty: 0651 - Data Cyber Network Specialist
Specialized Training: Cisco Networking, VMWare, NetApp Filers, Microsoft Server, Microsoft Windows and multiple Linux environments

Experience and Technical Skills

Languages	Java, C/C++, PHP, Python, BASH scripting, C#, SQL, HTML, CSS, JavaScript (VueJS and React), Prolog, and Answer Set Programming (Clingo and SPARC)
Source Control	Git and DevOps
Web Frameworks	Laravel and ASP.NET
Operating Systems	Linux, Windows, Mac
Database Systems	MySQL and NoSQL
CFD	ParaView post processing automation with Python. STAR-CCM+ automation with Java.

Professional Accomplishments

Haas F1 Team | June 2019 to July 2020 | Software Engineer

- Maintain the Python codebase for ParaView post-processing of the CFD simulation results
- Setup and configure version control (Git) with Azure DevOps for all software development source code
- Develop and maintain a timekeeping application with Laravel/VueJS
- Performed MSSQL database setup and configuration.
- Assist with the setup and current maintenance of a Laravel CFD web application.

Tinker Air Force Base | June 2018 to June 2019 | Computer Scientist

- Maintained software for the suite of applications within the E3 AWACS aircraft
- Worked within a Scrum team and in an Agile development setting
- Responsibilities were to resolve software faults and improve legacy code
- Relevant languages: C++, Java, and shell scripting

Texas Tech University, College of Media and Communications | September 2016 to July 2017 | Web Developer

- Managed the College of Media and Communications website
- Made updates to the site and creation of new site content

United States Marine Corps | March 2010 to May 2013 | Data Cyber Network Specialist

- Responsible for 24/7 IT help desk support
- Installation and configuration of Cisco routers and switches

Employment History

- July 2020 – Present
Software Engineer - MCR LLC, Boston, MA
- June 2019 - July 2020
Software Engineer - Haas F1 Team, Kannapolis, NC
- June 2018 - June 2019
Computer Scientist - Tinker Air Force Base, Oklahoma City, OK
- July 2017 - May 2018
Full Time Graduate Student with the SMART Scholarship - Texas Tech University
- September 2016 - July 2017
Web Developer - Texas Tech University, College of Media and Communications
Lubbock, TX
- July 2016 - August 2016
Teaching Assistant - Austin Coding Academy
San Antonio, TX
- June 2016 - August 2016
Lead Instructor | Teaching Assistant - Youth Code Jam San Antonio
San Antonio, TX
- September 2015 - April 2016
Biology Tutor | IT Lab Administrator - East Carolina University, Athletic Student Development
Greenville, NC
- October 2013 - August 2015
Student Laboratory IT Technician - East Carolina University, IT Computing Services
Greenville, NC
- June 2009 - June 2013
Data Cyber Network Specialist - U.S Marine Corps
Jacksonville, NC