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	Database Management
Analysis of Algorithms	Computer Architecture
Programming Languages	Software Engineering
Advanced Operating Systems	A.I. - Intelligent Agents, Knowledge
Software Project Management	Representation and Reasoning
Logic for Computer Scientists	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 2003/2008, Microsoft Windows XP|7 and multiple Linux environments

Experience and Technical Skills

Languages	Java, C/C++, PHP, Python, BASH scripting, C#, SQL, HTML, CSS, JavaScript, Prolog, and Answer, Set Programming (Clingo and SPARC)
Source Control	Git with/without DevOps integration
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 Present | 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 creating new site content

Employment History

- June 2019 – Present
  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