**Kurt Westerman**

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**Employment Objectives**

Entry level Software Engineering position where I will be challenged with all phases of software development: requirements, hardware/software architecture, design, code, test, documentation, integration, deployment, and maintenance in a continuous integration and delivery development cycle.

**Interests:** mobile, web, and database applications; big data topology, machine learning, AI, robotics, genetic algorithms, neural networks, and practical applications of physics and mathematics in technology.

**Primary skills:** Virtual machines, NetBeans and Eclipse IDEs on Microsoft Windows, C/C++, Python, Java (MVC), JavaScript, and web development using HTML, HTTPS, PHP, AngularJS & Ionic.

**Secondary skills:** Linux and MacOS, C#, .NET, Unity game development, information security, MySQL, COBOL, Cloud Era Hadoop big data processing (SQOOP, FLUME, HIVE, PIG, IMPALA, SOLR, SPARK), procedural and functional programming, as well as Microsoft Office.

**Hardware skills:** robotics, VHDL, PLC, computer architecture, and embedded systems.

**Education**

**College: Aug 2018 Bachelor of Science in Computer Science (BSCS) with computer hardware electives. University of Arkansas, Fayetteville, AR 72703**

**Highschool: June 2013 Arkansas School of Math, Science, & the Arts (ASMSA)**

**Work Experience**

**Volunteer Work**

* Participated in An Hour of Code at Butterfield elementary school to spark students’ interest in coding by assisting them in coding-based games online with other U of A CS/CE under graduates in my department.

**Team Member, WhatABurger, September 2016-August 2017 & March 2020- Present**

* Production, cleaning, and inventory management. Worked cohesively with my team to serve loyal customers with a smile, train new hires with respect and understanding, and delegate collective strengths to minimize critical paths and maximize throughput all while maintaining food safety during quarantine.

**Dog Bather, PetSmart Grooming Salon, January 2019-June 2019**

* 2-3 dog concurrency depending on size/bred. Maintain optimal conditions for all pets in our care. Scheduling appointments, hands on pet assessments with the pet parent prior to check in, quick services, access to fresh water, maintaining kennels and paperwork, 5 signs of stress monitoring, Bathing, teeth-brushing, gland expression, brush out, paw-pedicure plus package, care cards. Opening and closing.

**Clerk, Wild Bill’s Conoco Gas Station, June 2015-September 2016**

* Sole attendant responsible for all registers, lotteries/games, customers, cleaning, stocking, maintenance, paperwork, security, vendors, and inventory during my shift. Weekend night shifts through university and formed close bonds with local customers and coworkers despite the myriads of situations that arose.

**Farm hand, Long Creek Farms, May 2014-August 2014 (On going family business)**

* Activities performed: tractor operation, chemical use, putting in spills, fixing wells, watering fields, mowing, running errands, maintenance, as well as harvesting and transporting grain.