Justin Davis

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I am a recent Computer Science graduate from the University of Colorado with a passion for embedded systems, web and software development, and statistics and probability. I love the challenge and opportunity to problem solve that coding gives, and especially enjoy the feeling of accomplishing a difficult task.

Education

GRANDVIEW HIGH SCHOOL, AURORA, COLORADO | 2012-2016
· High School Diploma
· Awards: AP Scholar with Distinction, National AP Scholar, Technology Department Award

UNIVERSITY OF COLORADO, BOULDER – COLLEGE OF ENGINEERING AND APPLIED SCIENCE | 2016-2021
· Bachelor of Science in Computer Science

Skills & Abilities

COMPUTERS & PROGRAMMING
· Skilled with Microsoft Word, Excel, & PowerPoint, and LaTeX typesetting.
· Competent with Linux and Windows environments.
· Skilled in C++, C, and Java, which are my strongest languages.
· Capable in VisualBasic, Python, Assembly x86, HTML, CSS, JavaScript, Apache, PHP, and SQL.
· Familiar with the Agile and Waterfall methodologies and RESTful architecture.

RELEVANT COURSE WORK
 · Programming Fundamentals – Algorithms, Data Structures, Principles of Programming Languages
 · Computer Systems - Assembly x86-based Systems, Operating Systems, Network Systems
 · Software Development - Software Development Tools & Methodologies, Intensive Programming Workshop, Software Engineering Senior Project
 · Computer Security - Introduction to Cybersecurity, Computer Security

OTHER
· Experienced in using 3D CAD modeling software and Certified SolidWorks Associate (Certificate ID: C-HDCA5VSDY3)

Relevant Experience

SOFTWARE ENGINEERING SENIOR PROJECT
· I worked as part of a group for Northrop Grumman on improving vehicle classification on live video. The goal of this project was to analyze which machine learning models performed best at classifying vehicles from video feeds with time-dependency. I had limited familiarity with machine learning and image processing before starting this project, so it was an excellent learning experience. My role included that of a project organizer and primary contact between our team and the sponsor, resulting in frequent communication about project goals and requirements.

Work History

SECURITY DEPUTY | BOULDER COUNTY SHERIFF'S OFFICE | AUGUST 2020 - PRESENT
- Employed as a non-certified deputy sheriff, providing screening of visitors, security for building and grounds, visitors, and staff. Also responding to courtrooms when assistance is required by the court staff.

BOAT ATTENDANT | COLORADO PARKS AND WILDLIFE – CHERRY CREEK STATE PARK | MAY 2018 – AUGUST 2018
- Seasonal work assisting Park Rangers patrolling the lake. My tasks included operating a patrol boat, boating safety enforcement, safety equipment checks, and assisting boaters. Also responded to assist with emergencies on the water and on shore.

SALES SUPERVISOR | EDDIE BAUER | OCTOBER 2018 – SEPTEMBER 2019
- I began as a Sales Associate and was later promoted to a supervisory role in which I managed associates, maintained store standards (emphasizing on marketing and visuals), oversaw register and safe balances and accounting, and opened/closed the store. Excellent customer service was key as a supervisor.

STAND MANAGER | ARAMARK – COORS FIELD | JULY 2017 – AUGUST 2017
- I started as a cashier and was promoted to a manager where, in addition to operating a concession stand, I supervised up to ten other employees.

TEACHING ASSISTANT | MAX FRANKEL RELIGIOUS SCHOOL | AUGUST 2012 – MAY 2015
- I assisted in the classroom answering students' questions and supervising activities. Occasionally, I would also run my own lessons and activities for the students.