Eric Paulz

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OBJECTIVE

To find a full-time, entry-level position in which I can utilize the software development, data science, and many other skills that I have gained through school and work experience. I love writing code, but I also enjoy being engaged and interacting with people in order to achieve optimal solutions.

EDUCATION

Clemson University - *Computer Science, B.S.* Clemson, SC

Relevant Courses: Algorithm Design/Analysis Graduation: December 2018

Linear Algebra GPA: 3.45

Cloud Computing Architecture

Human & Computer Interaction

SKILLS

Software Development – C++, Python, C, Java

Data Science – Python (Pandas, iPython, Scikit-learn, matplotlib), SQL, Hadoop, Hive, Alation, Tableau

Agile – Confluence, JIRA, Scrum, Sprints

IoT – Splunk, Node-RED, Raspberry Pi, MQTT

Environments – Linux, Unix, Windows, Bash

Miscellaneous – 3D printing, HTML, VBA, LaTeX, Prolog, OCaml, ARM Assembly

EXPERIENCE

BMW Group – innovation[LAB] Greenville, SC

IT Innovations & Research Intern May 2018 – August 2018

- Conducted an IoT experiment using a Raspberry Pi to study the effect of edge computing on device resource load as well as network effect.
- Used a sentiment analysis library in Python to analyze customer emotions based on J.D. Power reports.
- Used big data tools to calculate take rates of options on used vehicles for manual pricing.

BMW Manufacturing Greer, SC

Material Control Intern May 2017 – August 2017

- Created VBA macros from scratch to boost efficiency of daily tasks within a logistics department.
- Built an interactive map that showed location and other information about parts suppliers.

Clemson Online Clemson, SC

Educational Media & Web Support Intern January 2017 – April 2017

- Performed web maintenance and improvements on a portion of the Clemson University website.