

# Eric Paulz

<https://epaulz.github.io>

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## OBJECTIVE

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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

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

Clemson, SC

Relevant Courses: Algorithm Design/Analysis

Graduation: December 2018

Linear Algebra

GPA: 3.55

Cloud Computing Architecture

Human & Computer Interaction

## SKILLS

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**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

## EXPERIENCE

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**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 info 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.