**David Durnell**

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**Summary**

Experienced Software Engineer and Data Analyst with extensive experience in core-java development, performance monitoring and engineering, and monitoring and analytics with Splunk. A proven track record of tackling difficult and wide-ranging problems across the entire software development life cycle. Seeking a challenging Data Science opportunity.

**Technical Skills**

Group Technical Skills into categories without bullet points or tables. See sample categories.

**Tools:** VSC, GitHub, AWS, Jupyter, Colab, Flask, Tableau, Excel, D3, MapBox

**Databases:** Oracle, MongoDB, SQLight

**Languages:** Prolog, Java, C++, Javascript, SQL, VBA, shell, graphical programming, and more

**Projects**

**Citi-bike** | [Github repo](https://github.com/ddurnell/citi_bike) **|** [Main Tableau Story](https://public.tableau.com/profile/david.durnell#!/vizhome/citi_bike_2019/Citi-BikeStory) | [Gender Over Time](https://public.tableau.com/profile/david.durnell#!/vizhome/gender_over_time_15881962636640/GenderOverTime)

* Using data from the New York City Bike program, this project explores various trends and conclusions, with visualizations in Tableau.
* Sole Contributor
* Project built with Tableau, jupyter, python and Excel

**UFO-Sightings** | [Github repo](https://github.com/ddurnell/javascript-challenge) **|** [Deployed link](https://ddurnell.github.io/javascript-challenge/UFO-level-2/)

* Using data on using UFO Sightings, use javascript to create a table and allow filtering based on variables such as city.
* Sole Contributor
* Primarily javascript

**Latitude-weather** | [Github repo](https://github.com/ddurnell/latitude-weather) **|** [Deployed link](https://ddurnell.github.io/latitude-weather/)

* Explore data differences correlating to changes in latitude. Individual pages are provided for each with navigation between them. These pages contain the visualizations and their corresponding explanations. There is a landing page, a page to show a comparison of all of the plots, and another page to view the data used to build them.
* Sole contributor.
* Project built with html, css and bootstrap

**Experience**

**Software Engineer** 1998 – 2014

**Company Name** Evergreen, CO

Performed as a Software Engineer across many applications. Learned and excelled on new projects including Splunk, DeviceAnywhere, performance profiling and improvement of Java and Web application, web service integration, and one-off projects. Improved many applications, using Data Analysis, problem solving, teamwork and dedication.

*Key Accomplishments:*

* Implemented log file aggregation and analysis of eCommerce logs via Splunk, supporting 1500 users and 7 Terabytes of data daily.
* Independently implemented production monitoring and alerting for Bank mobile applications using DeviceAnywhere.
* Optimized eCommerce core code and web pages, improving performance by 40%.

**Education**

**Bootcamp Certificate: University**, Denver, CO

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Master’s Degree in Computer Science: Johns Hopkins University**, Baltimore, MD

**Bachelor’s Degree in Aerospace Engineering: University of Colorado**, Boulder, CO