

# Cameron Zabriskie

cameron.zabriskie@gmail.com

(385) 225-0656

## DATA SCIENTIST

### EDUCATION

Masters of Science, Data Analytics	December 2018
Utah State University, Logan, UT (USU)	GPA 3.89
Bachelor of Science, Biological Engineering, Computer Science Minor, USU	May 2017

### SKILLS

Python	SQL	R	SAS	Excel
Regular Expressions	Linear Regression	Logistic Regression	Time Series	Ridge Regression
LASSO	PCA	LDA	Statistical Visualization	VBA
HTML	C++	CSS	C#	ASP.NET
Java				

### RELEVANT EXPERIENCE

#### Computer Modeling in Python Teaching Assistant, USU June 2017 – December 2017

- Write teaching materials, including tutorials and homework, using the SciPy, NumPy, and Matplotlib packages
- Develop test cases for grading homework using the unittest framework
- Assist students with questions they have concerning their programming assignments

#### Application Development Summer Team Member, United Shore, Troy, MI June 2017 – August 2017

- Collaborated with a team consisting of app developers, a scrum master, and a business analyst with Agile and Team Foundation Server
- Developed a web application in C# using the .NET framework, ASP.NET, and SQL Server Management Studio that scheduled meetings between United Shore team members
- Used the NUnit framework to unit test methods within the application

#### Tissue Engineering Lab Assistant, USU May 2016 – July 2017

- Utilized Raman spectroscopy methods to detect differences in organisms exposed to various conditions
- Wrote and proof-read grants and research papers
- Documented all experimental procedures and results so colleagues could easily reproduce my findings

#### Undergraduate Researcher, USU January 2017 – May 2017

- Analyzed large sets of data with multivariate statistical methods using the R software
- Designed a poster and presented my research findings at a symposium

### PROJECTS

- Used Python to determine if usage of a map website was affected by the eclipse in 2017
- Analyzed QVC customer orders data to determine what products should be stored in which distribution centers
- Modelled a honey bee population using Python
- Wrote an image classification program using OpenCV in Python to analyze pictures taken by a drone
- Programmed my own Minesweeper game using Java

### AWARDS

- Undergraduate Research and Creative Opportunity Scholarship – wrote a research proposal that was funded to research radiation effects on mammalian cells using Raman spectroscopy
- Dean's List (Honor Roll) – Spring 2016, Fall 2016 and Spring 2017