RESUME
Matthew Campbell

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Willing to relocate
Clearance: Secret
Earliest Availability:
April 2020

Career Statement:
Avid programmer and learner for life. Looking to transition from data science to software development and infrastructure handling. Interests include the cloud (AWS), infrastructure as code, data engineering, software development, and using more cutting-edge technologies.

Education:

Undergraduate
The University of Arizona, 2013-2016
B.S. Mathematics
GPA 3.60

Graduate
The University of Arizona, 2016-2018
M.S. Statistics
GPA: 3.58

Career Experience:

Operations Research Analyst (Booz Allen Hamilton, June 2019 – Present)
Projects:

Fairfax County Fire & Rescue Optimization (August. 2019 – Present)

- Built ETL pipelines to clean sensitive, computer-generated data.
- Created insightful business intelligence dashboards with Tableau.
- Maintained frequent stand-ups and communication among teammates and client via Agile methodologies.

Data Scientist (S3I LLC, January 2018 – June 2019)
Responsibilities:

- Lead the mathematical modeling and data mining needs for a DARPA funded project involving protein geometry research.
- Tested and assessed in-house models/algorithms against competing research groups.
- Developed Python GUIs for user-friendly access to developed methods.
- Built ETL systems to process Protein Data Bank info into SQL database.
- Created presentations that convey complex math concepts to technical and nontechnical audiences.
- Maintained consistent communication and work ethic as a remote, contracted worker.

Programming Tools & Competencies:

Python (2 years professional, 10+ years recreational)	AWS (EC2, RDS, Route 53, S3, etc.)	Jenkins exposure
	Basic Linux Usage	Tableau
Django	Basic Docker/Kubernetes	Git version control
MySQL	Terraform	LaTeX

Awards:
Outstanding Analytical Contributor (Booz Allen Hamilton, November 27th, 2019)
Awarded for data engineering, ETL development, and novel data visualization.

Recreational Projects:
Serverless Website: (November 2019)

- Created a serverless website hosted through AWS S3 utilizing HTML, CSS, SQS, and Git. Structure of the website is a blog that is easily updated and maintained. The combination of tools makes for a smooth, aesthetic website with upkeep costs minimized.

Django-Plotly Web Application via Infrastructure as Code: (November 2019 – January 2020)

- Designed a web application with Django and Plotly to visualize baseball statistics. App is hosted through Elastic Beanstalk, connects to a MySQL RDS instance, and is publicly viewable via Route 53. All resources and security groups are coded in Terraform. In concert with Python and bash scripts, the entire project can be turned on and off from a single command. View http://kyball.net, or https://github.com/Kylexi/Kyball for more info. Contact for a demo.

Additional Experience:
Tutor, C.A.T.S. Academics, University of Arizona (2/2016 – 9/2016)

Mathematics Textbook Proofreader, Mathematics Working Consortium Group (12/2013-8/2016)

Research Intern for Mathematics, University of Hawaii. (Summer 2014)

Waiter, Pine Canyon Golf. (1/2011-8/2013)