

Alex Weaver

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ABOUT

Computer science Ph.D. graduate with 4 years of industry experience analyzing large data sets, producing data visualizations, and developing machine learning models. Currently seeking a data scientist role to pursue my passion for predictive modeling and data exploration.

PROFESSIONAL EXPERIENCE

Georgetown University. <i>Washington, D.C.</i> Research Assistant	2017 - Present
GEICO. <i>Chevy Chase, Maryland</i> Data Analyst	2016 - 2017
GEICO. <i>Chevy Chase, Maryland</i> Programmer Analyst	2014 - 2016
OpenSource Connections. <i>Charlottesville, Virginia</i> Programming Consultant	2014
University of Virginia Center for Diabetes Technology. <i>Charlottesville, Virginia</i> Assistant Programmer	2013
Commonwealth Computer Research, Inc. (CCRI). <i>Charlottesville, Virginia</i> Intern Programmer	2012

EDUCATION

Georgetown University. <i>Washington, D.C.</i> Ph.D. Computer Science Advisors: Calvin Newport and Nitin Vaidya	Conferral: May, 2023
University of Virginia. <i>Charlottesville, Virginia</i> B.S. Computer Science	2014

TECHNICAL SKILLS (with Industry Experience)

Programming Languages:

- Python (Pandas, TensorFlow, PySpark, Scikit-learn, SciPy, Jupyter Notebooks)
- R (R Markdown, R Shiny)
- SQL (MySQL, HiveQL, SQL Server)
- Java
- Unix/Linux Shell Scripting

ML/Statistical Methods:

- Regression (Linear, Logistic)
- Random Forest / Decision Trees
- Neural Networks
- Clustering
- Principal Component Analysis