

Professional Experience	Data Scientist – Logistics Management Institute Providing advanced analytics services for federal clients, with a focus on developing machine learning capabilities. Highlighted projects:	8/2018 - Present
	Survey Integration Platform - Designed and developed a survey analytics web application for NASA using Python Dash. Utilized BERT language models for sentiment analysis and topic modeling on free response survey comments.	8/2020 - Current
	Lead Time Estimation - Implemented supervised regression models to optimize rare inventory lead time estimation for a U.S Defense Agency. Random forests trained on 10+ years of inventory procurement data resulted in a 37% improvement of lead time predictions for rare procurements over baseline metrics, with an annual expected savings of \$45M on inventory holding costs.	5/2019 - 6/2020
	Digital Analyst - Worked in a four member team to build core functionalities for a natural language analytics assistant application. Played a lead role in the initial software development and design methodology of the application, now a full LMI offering.	2/2018 - 11/2019
	C3A - Designed an environment management framework for LMI's Data Science and Machine Learning practice. Integrated disparate environment management and version control tools into a single toolkit, and drafted documentation and video tutorials for the framework.	2/2020 - 4/2020
Research Experience	Research Assistant – Meliza Lab, UVA Psychology Department Modeled neurons in Python to simulate auditory cognition processes in Zebra Finches. Coded custom Recursive Bayesian Filters (RBF) for biophysical parameter estimation of High Vocal Center neurons. Researched in-vivo recording mechanisms w/ RBF estimators to classify auditory neurons based on ion channel makeup.	5/2016 - 8/2018
Education	University of Virginia, Class of 2018 Degrees: BA Computer Science, BA Cognitive Science GPA: 3.34 Proficiencies Languages: Python, Java, C++, SQL, HTML Platforms: AWS, Git, Docker, ElasticSearch Coursework: AI, ML, Computer Vision, Algorithms, Learning Theory, Cloud Computing, Data Visualization	8/2014 - 5/2018
Additional Roles	Cofounder – Alif Seh Yeh, Urdu Language Education Platform Editor & Columnist – The Cavalier Daily, Opinion Section Teaching Assistant – Introduction to Computer Programming Vice President & Cofounder – UVA Machine Learning Club English Second Language Tutor – International Rescue Committee	5/2019 – Current 11/2014 – 1/2017 8/2017 – 5/2018 8/2016 – 5/2018 6/2017 – 5/2018