

Anusha Mohan

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Education:

- **University of California, Berkeley** (Fall 2020-Summer 2021)
 - Masters in Science - **MS, Information & Data Science**
- **University of California, Berkeley** (Fall 2016 – Spring 2020)
 - Bachelor of Arts, **Cognitive Science (Focus on Data Science and Computer Science)**
- Relevant Coursework:
CS61A: Structure and Interpretations of Computer Programs, CSC8: The Foundations of Data Science, CS61B: Data Structures, CS70: Discrete Mathematics & Probability Theory, DS100: Principles and Techniques of Data Science (Fall 2018), Math 54: Linear Algebra and Differential Equations, CS188: Artificial Intelligence (Fall 2019), Cogsci 131: Computational Modeling

Skills:

- **Proficiency**
 - **Programming:** Python, Java, C++, SQL, HTML
 - **Databases & Data Analysis:** RDMS, Tableau, Pandas library
 - **Machine Learning:** Machine and Deep Learning Basics
 - **Communication:** Excellent Verbal and Written communication skills.
 - **Technologies:** Git, Project Jupyter, Linux

Work Experience:

- **VMware Data for Good Project** (July 2020 - present)
 - Creating a platform to aid non profit organizations by leveraging VMware's high performance labs and offer it as a free service for NGOs for data science and analytics.
- **Software Developer Engineer Intern at Amazon Lab 126** (Summer 2019)
 - Worked on the Kindle UI & Design team to develop an internal tool that showcases widget and tree structure capabilities for developers using ReactNative and a breakdown of GTK+ widgets
- **Data Science/Computer Vision Intern at Atollogy** (Summer 2018)
 - Worked in this fast-paced startup doing various projects, such as conveyer belt detection, data collection and analysis, usage of AWS mechanical turk, and an automation script for collecting and interpreting license plate data
- **VMware Machine Learning Team Project** (Spring-Summer 2018)
 - Worked in a team of three and used VMware's high power GPUs to run three machine learning projects and train data sets at a faster pace using VSLAB
- **Data Analyst for Next Gen Consulting** (Fall 2017)
 - Consulted and developed and analytics project for virtual reality startup **Orb**
- **Data Analysis Consultant for ITVISTA** (Summer 2015)
 - Created compelling data analysis use cases on Pure Storage for VMWORLD.

Projects:

- **Kindle React Native and GTK Inspector Tool:** At Amazon Lab 126, I worked with the Kindle design team to create an internal inspector tool for their developer software, in order to display the tree structure of their widgets and other useful features
- **VMware ML Team Project:** Machine Learning and Deep Learning use cases on VMware with TensorFlow GPU accelerated nodes. Solution presented at SPARK+AI Summit 2018. **Project blog link:** <https://blogs.vmware.com/apps/2018/08/running-common-machine-learning-use-cases-on-vsphere-leveraging-nvidia-gpu.html>
- **Data Analysis Demo:** Data analysis demo for SAP HANA and Pure Storage used in VMWORLD 2015.
- **Cemex Data Collection and Automation Script:** Used python, SQL, and the pandas library to create an automation script that joins an external dataset and Atollogy's database based on similarities