

EDUCATION

- **Georgia Institute of Technology** Atlanta, GA
Master of Science in Computer Science; GPA: 4.00 Aug 2021 – Present
- **University of Michigan, College of Engineering** Ann Arbor, MI
Bachelor of Science in Engineering in Computer Science, Minor in Mathematics
Graduated cum laude, Dean's List (Dec 2017, Apr 2018); GPA: 3.375/4.0 Aug 2014 – Apr 2018

EXPERIENCE

- **Ampla Technologies** New York, NY
Data Engineer Mar 2022 - Present
 - **Tensorflow:** TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models. Worked on APIs and performance for training models on Tensor Processing Units (TPU).
 - **Apache Beam:** Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.
- **BlackRock** New York, NY
Associate Software Engineer Jan 2021 - Mar 2022
 - **Notifications:** Service for sending email, push and in-app notifications. Involved in features such as delivery time optimization, tracking, queuing and A/B testing. Built an internal app to run batch campaigns for marketing etc.
 - **Nostos:** Bulk data processing and injection service from Hadoop to Cassandra and provides a thin REST layer on top for serving offline computed data online.
- **Workday** Pleasanton, CA
Data Scientist Summer 2012 and 2013
 - **Portfolio Management:** Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.
 - **QuantDesk:** Python backend for a web application used by hedge fund managers for portfolio management.

PROJECTS

- **QuantSoftware Toolkit:** Open source python library for financial data analysis and machine learning for finance.

PROGRAMMING SKILLS

- **Languages:** Python, Java, C++, C, Scala, R, Typescript **Technologies:** Docker, Kubernetes, Apache Airflow, GCS, BigQuery, DBT, Apache Spark, Angular, Postgres