

EDUCATION

- **Carnegie Mellon University** Aug 2020 - Dec 2021
 - *GPA: 4.01/4.0*
 - MS Computer Science
- **The University of Texas at Austin** Aug 2016 - May 2020
 - *GPA: 3.97/4.0*
 - BS Computer Science, Turing Scholars Honors with High Honors
 - BS Mathematics with High Honors

EXPERIENCE

- **Languages:** Python, Rust, Kotlin, Haskell, Java, Standard ML, C++17, C, Elixir, Prolog
- **Other skills:** bash, git, regex, Python data/ML (PyTorch, numpy, spaCy, sklearn, gensim, etc.)

PROJECTS

- **Duolingo Inc.** Feb 2022 – Present
Software Engineer II in Pittsburgh, PA duolingo.com
 - Learning Infrastructure Maintaining and developing critical backend services for the main Duolingo app with a focus on reliability, robustness, and efficiency. Worked on scaling monolingual English course to millions of learners. Mostly Python, Scala, Kotlin.
- **Duolingo Inc.** Summer 2021
Software Engineering Internship in Pittsburgh, PA duolingo.com
 - Android Client Messaging Refactor Rewrote significant part of Android codebase to allow for dynamic server-generated messages to users. The resulting code was more idiomatic and testable. Used Kotlin and Dagger+Hilt for dependency injection.
- **Undergraduate Honors Thesis** Spring 2020
Thesis for completion of Turing Scholars Honors degree chittur.dev/thesis.pdf
 - Automated Machine Learning/Meta-Learning Examined ramifications of integrating hyperparameter optimization into a neuro-evolutionary pipeline, making use of dataset meta-features.
- **SparkCognition Inc. (Darwin AutoML team)** Summer 2019
Data Science Internship at AI Firm in Austin, TX sparkcognition.com
 - Hyperparameter Optimization Researched and applied cutting-edge hyperparameter optimization techniques such as Hyperband in an automated machine learning pipeline.
 - Overhauled Testing System Refactored testing and benching system to work with new data ingestion pipeline to greatly increase data scientist productivity.
- **SparkCognition Inc. (DeepNLP team)** Summer 2018
Software Engineering Internship at AI Firm in Austin, TX sparkcognition.com
 - Information Retrieval Designed and implemented framework and pipeline for flexibly indexing and searching specialized corpora of natural language text, e.g. technical manuals.
 - Clustering Researched and tested different methodologies for real-time search result clustering.

OTHER

- Perfect 170/170/6.0 GRE.
- Ajit B. Ramchandani Endowed Presidential Scholarship (2016).
- UT College Scholar (2018, 2019, 2020).