Krishna Chittur

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U.S. Citizen
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EDUCATION

- **Carnegie Mellon University** — Aug 2020 - Dec 2021 (Planned)
  Current GPA: 3.97/4.0
  - ○ 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++11, C, Prolog, Golang

- **Other skills**: bash, git, regex, Python data/ML (PyTorch, numpy, spaCy, sklearn, gensim, etc.)

PROJECTS

- **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).

- High school valedictorian and Student Council Vice President. Elected by school to speak at graduation.