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## EDUCATION

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- **Carnegie Mellon University** Aug 2020 - Ongoing
  - *Current GPA: N/A*
  - **MS Computer Science**
- **The University of Texas at Austin** Aug 2016 - May 2020
  - *GPA: 3.97*
  - **BS Computer Science, Turing Scholars Honors**
  - **BS Mathematics**

## EXPERIENCE

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- **Languages:** Python, Rust, Haskell, Java, C++11, C, Golang
- **Other skills:** bash, git, regex, Python data/ML (PyTorch, numpy, spaCy, sklearn, gensim, etc.)

## PROJECTS

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- **Undergraduate Thesis** Spring 2020  
*Thesis for completion of Turing Scholars Honors degree* [chittur.dev/thesis.pdf](https://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 team)** Summer 2019  
*Data Science Internship at AI Firm in Austin, TX* [sparkcognition.com](https://sparkcognition.com)
  - **Hyperparameter Optimization** Researched and applied cutting-edge hyperparameter optimization techniques such as Hyperband in the Darwin AutoML 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](https://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.
- **GadgetCoin** Fall 2018  
*Concurrency Honors independent final project*
  - **Modified Ethereum Implementation** Developed modified implementation of the Ethereum specification in Rust with Turing-complete virtual machine implicit in blockchain transaction processing. Used standard ECDSA cryptographic verification and SHA-256 hashes for block nonce computation.

## OTHER

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- Perfect 170/170/6.0 GRE.
- Ajit B. Ramchandani Endowed Presidential Scholarship (2016).
- UT College Scholar (2018, 2019, 2020). Graduated with High Honors.
- Valedictorian and Student Council Vice President, American International School, Chennai. Elected separately by student body to speak at graduation.