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Home Address | Phone# | myemail@gmail.com 

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## EMPLOYMENT

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**Company (Red Herring Global Top 100 firm; leading Enterprise Artificial Intelligence firm)** Location  
*Machine Learning Intern* June 2019 – August 2019

- Built an ensemble of Neural Networks for the downstream task of Question Answering in Natural Language Processing.
- Trained the models from a Stanford paper and achieved results consistent with their experiments.
- Optimized State of the Art NLP model called BERT using PyTorch.
- Raised accuracy of the base model by 5 percentage points, which is significant for its applications.
- Worked directly under supervision of Chief Data Scientist XXX (M.D. and Ph.D. from Stanford in Artificial Intelligence).
- End product being utilized by the company as one of their core A.I. models for a Fortune 100 client.

## TECHNICAL EXPERIENCE

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### Projects

- **BERT Ensemble for Question Answering** (*Internship Project*) (2019). Trained cutting-edge Neural Networks which together can answer questions pertaining to Wikipedia articles via Deep Learning. *Python*
- **Miniature RDBMS** (2019). Created a HTML table that was hooked up to a RESTful API created using Flask and AJAX. *Python, Javascript, HTML, CSS*
- **Spoiler Detection System** (2019). Trained multiple Transformer Neural Networks to classify text as either a spoiler or not a spoiler. Collected data via Web Scraping and trained using AWS. *Python*
- **Website** (2019). Built website for new hedge fund XXX. *Ruby, Jekyll, HTML, CSS, Javascript*
- **Calculator** (2018). Built a 4 function calculator using the PyQt framework. *Python*

## EDUCATION

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**UNIVERSITY (Honors Program)** Expected Graduation May 2021

- Pursuing B.S. in Computer Science and Mathematics
- Received **Merit-based Scarlet Scholarship**
- Related Coursework: Data Structures; Comp. Architecture; Calculus III; Probability; Linear Algebra; Linear Optimization; Calculus IV; Mathematical Reasoning

## SKILLS

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- **Languages:** Over 500 hours of programming experience in Python, Java, HTML, CSS, Javascript, SQL
- **Technologies/Frameworks:** PyTorch (Deep Learning Framework), Git, Slack, Postman, Web Scraping, PostgreSQL, Flask, Jekyll, Google Colab, AWS, Linux