

Darryl Hannan  
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## Objective:

Develop skills as a researcher while contributing to the field of machine learning

## Education:

9/2014 - present Villanova University  
800 E Lancaster Ave,  
Villanova, PA 19085  
**Major:** Computer Science  
**Minor:** Cognitive Science  
and Classical Studies  
**GPA:** 3.76

## Research Experience:

9/2016 - 6/2017 Villanova University  
Part of a small group working under  
Dr. Edward Kim researching machine learning. Research has primarily been in computer vision and natural language processing

6/2017 – 8/2017 Los Alamos National Laboratory  
Developed a neurologically plausible sparse deep generative autoencoder with Dr. Edward Kim and Dr. Garrett Kenyon

8/2017 - present Villanova University  
Using model developed at Los Alamos to simulate the McGurk effect

## Technical Skills:

- Java
- SQL (Oracle)
- Python
- C
- Tensorflow/Keras (Deep learning frameworks)
- Terminal Navigation/Bash Scripting

## Work Experience:

6/2013 – 6/2017 TS Partners Inc.  
630 Freedom Business Center Dr #212,  
King of Prussia, PA 19406  
(610) 768-1100  
Member of a development team creating a new web based software environment primarily using java and Oracle SQL. Converted hundreds of thousands of lines of Delphi code into java.

## Research Interests:

My interests are in natural language processing, cognitive science, and computational social science. I believe that further success in deep learning will depend upon integration with the study of the mind; thus my interests span these two domains.

[hannandarryl.github.io](https://hannandarryl.github.io)

[github.com/hannandarryl](https://github.com/hannandarryl)