

# Darryl Hannan

651 School Line Drive King of Prussia, PA 19406  
(267) 970-6660 • hannandarryl@gmail.com

## Education:

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**Villanova University**, Villanova PA

May 2018

- **Major:** Computer Science
- **Minors:** Cognitive Science and Classical Studies
- **GPA:** 3.76

## Research Experience:

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**Villanova University**

Fall 2017

Simulating the McGurk Effect

- Independently expanding upon the model developed at Los Alamos to learn the relationship between phonemes and visemes

**Los Alamos National Laboratory**

Summer 2017

Deep Sparse Autoencoders for Invariant Multimodal Halle Berry Neurons

- Developed a neurologically plausible sparse deep generative autoencoder with Dr. Edward Kim and Dr. Garrett Kenyon
- Funded by Villanova Research and Travel Grant
- **Poster Presentation** @ Villanova Undergraduate Poster Session

**Villanova University**

September 2016  
to June 2017

- Research in computer vision with Dr. Edward Kim
- Contributed to project involving Generative Adversarial Networks

## Teaching Experience:

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**Teaching Assistant**

Fall 2017

Platform Based Computing

- Helped students review course material and complete programming assignments

## Work Experience:

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**Junior Developer @ TS Partners Inc.**, King of Prussia PA

June 2013

**Phone:** (610) 768-1100

to June 2017

- Ported hundreds of thousands of lines of code from a Delphi System to a web based Java application
- Worked closely with clients and customer service staff to develop creative solutions to problems

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## Extracurricular Activities:

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### Villanova ACM

Fall 2017

#### Secretary

- Organize events; workshops and hack-a-thons
- Taught a series of workshops on Python

### Villanova Programming Team

Fall 2017

- Compete in programming competitions

## Professional Organizations:

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Institute of Electrical and Electronics  
Engineers

Association for Computing  
Machinery

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

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