

Darryl Hannan

651 School Line Drive King of Prussia, PA 19406

(267) 970-6660 • hannandarryl@gmail.com

Education:

Villanova University, Villanova PA

May 2018

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

Research Experience:

Villanova University

Fall 2017

Learning the McGurk Effect from Raw Input

- Independently expanding upon the model developed at Los Alamos to learn the relationship between phonemes and visemes
- **Poster Presentation @** Villanova CS Senior Poster Session

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
- **Poster Presentation @** IEEE Rebooting Computing 2017
- **Paper @** CVPR 2018: Deep Sparse Coding for Invariant Multimodal Halle Berry Neurons

Villanova University

September 2016
to June 2017

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

Teaching Experience:

Teaching Assistant

Fall 2017

Platform Based Computing

- Helped students review course material and complete programming assignments

Work Experience:

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

June 2013
to June 2017

Phone: (610) 768-1100

- 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:

Villanova ACM

Fall 2017

Secretary

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

Villanova Programming Team

Fall 2017

- Competed in programming competitions

Professional Organizations:

Institute of Electrical and Electronics
Engineers

Association for Computing
Machinery

github.com/hannandarryl

hannandarryl.github.io