

Darryl Hannan

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Education

University of North Carolina - Chapel Hill

August 2018

PhD in Computer Science

Villanova University

August 2014 - May 2018

B.S. in Computer Science

Minors: Cognitive Science and Classical Studies

GPA: 3.77

Research and Work Experience

Villanova University

August 2017 - May 2018

Student Researcher

Independently worked on several projects over the school year, including an extension of our work from the summer and a project involving multilingual embeddings.

Los Alamos National Laboratory

June 2017 - August 2017

Student Research Scientist

Developed a neurologically plausible sparse deep generative autoencoder with Dr. Edward Kim and Dr. Garrett Kenyon.

Villanova University

September 2016 - June 2017

Student Researcher

Research in computer vision with Dr. Edward Kim.

TS Partners Inc.

June 2013 - June 2017

Junior Java Developer

Ported hundreds of thousands of lines of code from a Delphi System to a web based Java application, and helped maintain this system as it was deployed.

Teaching Experience

Villanova University

August 2017 - December 2017

Teaching Assistant for Platform-Based Computing

Helped students review course material and complete programming assignments, evaluated and graded student work, and taught a class session.

Publications

- [1] Edward Kim, Darryl Hannan, and Garrett Kenyon. Deep Sparse Coding for Invariant Multimodal Halle Berry Neurons. *CVPR*, 2018.

Posters

Emojis and Weather
CCSCNE 2018

Learning the McGurk Effect from Raw Input
Villanova CS Senior Poster Session

Hierarchical Sparse Coding for Multimodal Deep Learning
IEEE Rebooting Computing 2017 and Villanova Undergraduate Poster Session

Honors and Awards

Applied Machine Learning Summer Research Fellowship
10-week summer program at Los Alamos National Laboratory

Villanova Research and Travel Grant
Funding supported the work at Los Alamos during the summer of 2017

Professional Organizations

IEEE
ACM