

# DEVIN DE HUECK

d.dehueck@gmail.com • (224) 420-2539

## EDUCATION

### **Boston University, Boston MA**

*Expected May 2021*

*Statistics Major & Computer Science Minor*

Boston University Presidential Scholarship Recipient

## EXPERIENCE

### **Red Hat Intern in the AI Center of Excellence, Boston MA** *May 2019 - Present*

- Embedded python packages into a learned vector space based on documentation and dependencies through SOTA machine/deep learning methods.
- Transitioned project into original research into joint language and graph embeddings; asked to continue after summer to distill into a research paper.

### **Research Assistant to Prof. Saenko, Boston MA** *October 2018 - Present*

- Developed RESTful API (Flask) and frontend application (VueJS) for the Computer Vision Foundation.
- Shared project at CVPR 2019 - largest computer vision conference.

### **Research Assistant to Dr. Rudolph, Boston MA** *September 2017 - October 2018*

- Web scraped information pertaining to drug addiction and recovery for an overdose prevention and response mobile application prototype.
- Built a RESTful API (Django) to supply frontend application with scraped data.

### **Freelance Web Development, Evanston IL**

*2014 - 2017*

- Built websites for 10+ small businesses throughout three years in high school.

## PROJECTS

### **Boston University Machine Intelligence Community - Co-President**

- Founder and co-lecturer of CS 200 - Applied Machine Learning Workshop - the first official club-lead Boston University course; enrollment: 25 students.
- Led multiple paper discussions on new machine learning research papers.
- Organizer of the first Machine Intelligence Community Conference with 100+ attendees hosted at the MIT Media Lab.

### **PyTorch NEAT - An implementation of a neuroevolution algorithm.**

- Built as part of a summer 2018 independent research project into catastrophic forgetting, and is being maintained as an open source software project.

### **DynaML - HackRice 2019 - Won Facebook's Algorithm Complexity Challenge**

- Created a dynamic graph simulator to understand how information flows through networks.
- Applied a graph neural network (GraphSAGE) in case of bot prediction - to combat the spread of misinformation in social networks.

### **BostonCracks - BostonHacks 2018 - Data Science Track Winner**

- Our response to the City of Boston's need for a way to accurately segment out sidewalks and analyze their damage.
- Asked to continue the project as a machine learning engineer in conjunction with the City of Boston - received course credit.

### **Medifi - BostonHacks 2017 - Healthcare/Wellness Solution Prize Winner**

- Built an encrypted decentralized file sharing network for secure and easy use of medical records. Leveraged the Ethereum blockchain and smart contracts.

## LINKS

- [dدهhueck.github.io](https://dدهhueck.github.io)
- [github.com/dدهhueck](https://github.com/dدهhueck)
- [devpost.com/dدهhueck](https://devpost.com/dدهhueck)

## SKILLS

Java; JavaScript; Python;  
PyTorch; NodeJS; ExpressJS;  
Django; Flask; VueJS;  
HTML; CSS/SASS; SQL;  
MongoDB; PostgreSQL;  
REST APIs; Machine/Deep  
Learning

## COURSEWORK

- Machine Learning
- Fundamentals of Computing Systems
- Probability and Statistics
- Linear Algebra
- Calculus I, II, and III
- Analysis of Variance
- Philosophy of Science

## HONORS & AWARDS

- National Hispanic Scholar 2016 - recognition program through the College Board - one of 5,000 in U.S.
- AP Scholar with Distinction - one of 12 out of class of +500.
- First and only student to receive a 5 on the AP Computer Science A Exam at High School (Loyola Academy in Wilmette, IL).