

# Neil Thawani

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## Education

### **Carnegie Mellon University – School of Computer Science**

Masters of Educational Technology & Applied Learning Science

Emphasis: Language Technologies

Pittsburgh, PA

Anticipated Graduation Date: August 2020

### **University of Missouri**

Bachelor of Science, Electrical Engineering

Bachelor of Arts, Psychology

Minors: Russian, Computer Science

Columbia, MO

Graduated: May 2013

GPA: 3.26/4.0

## Selected Courses

**In Progress:** Natural Language Processing; Human Language for Artificial Intelligence

E-Learning Design Principles; Educational Goals, Instruction & Assessment

## Skills

**Web Development:** HTML (templating languages), CSS (SASS/LESS), JavaScript (Ember.js, D3.js)

**Programming Languages** (C, Java, Python, Ruby, Perl, Matlab, R, Octave)

## Professional Experience

### **Infegy**

#### **Software Engineer**

- Designed/developed features for two SaaS platforms: Atlas and Canvas (Ember, D3)
- Performed QA on remaining defects prior to releases, resulting in zero bug reports post-release

Kansas City, MO

April 2015 –

May 2019

### **University of Kansas - Edwards**

#### **Teaching Assistant (Data Analytics)**

- Mentored students developing web and desktop applications (Visual Basic, NumPy, SciPy, Node.js)

Overland Park, KS

February 2018 –

August 2018

### **DST Systems**

#### **Software Developer in Test**

- Debugged issues and wrote tests using saving 1700+ hours in testing time per 4-week sprint (JUnit, Sinon.js, JUnit, and Selenium)
- Trained a team of interns to build upon our automated testing infrastructure, resulting in \$50,000 annual savings

Kansas City, MO

November 2013 –

March 2015

### **Code Painters**

#### **Software Engineering Intern**

- Created the CodePainters website (Django)
- Created a real-time, location-based image sharing iOS app called Snap! (Objective-C, Flask)

St. Louis, MO

June 2013 –

August 2013

### **Computational Neurobiology Center**

#### **Research Assistant**

- Wrote an honors research thesis titled “Experiments in the MU Fear Conditioning Chamber”
- Created a computational model to understand the electrophysiological characteristics of skin conductance in a classical fear conditioning and extinction paradigm (Matlab, NEURON)

Columbia, MO

January 2011 –

July 2013

## Volunteer Experience

- **Executive Director, CoderDojo Pittsburgh** (June 2019 – Present)
- **Scratch/Web Development Mentor, Coder Dojo Kansas City** (January 2014 – May 2019)
- **Web Development Mentor, Django Girls Kansas City** (July 2017)
- **Webmaster, AIESEC Life 60th Anniversary Reunion** (October 2016)
- **Organizer and Developer Mentor, Kansas City Startup Weekend** (May 2014 – May 2016)