



# COREY EMERY

Utilizing today's data to pioneer tomorrow's technology

## INFO



### Address

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### Phone

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### LinkedIn

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## PROJECTS



### Wick Editor

wickeditor.com



### Wayfair

tinyurl.com/cemery-wayfair

## AWARDS



### Society of Actuaries

P Exam Certification



### CMU Stats & Data Science

TA Excellence Award, 2017-18



### Dae Han Taekwondo

1st Degree Black Belt, since 2013

## SKILLS



### Languages

Python	R	C / C++
SML	PHP	SQL
HTML	CSS	JavaScript



### Libraries / APIs

React	Redux	ggplot2
vest	NumPy	Scikit-Learn



## WORK EXPERIENCE



Jun 2019 -  
Aug 2019

### CoreDev Software Engineering Intern

Jump Trading

Collaborated with intern class to build a trading platform, focusing on a gateway that manages client orders and exchange connections. Improved market data recovery logic for a major futures exchange.



Sep 2018 -  
Jun 2019

### Front-End Web Contractor

Wicklets

Built website for Wick Editor, an online tool to help elementary and middle school students create games and animations. Used React framework and created custom components to fit company's brand.



May 2018 -  
Aug 2018

### Full-Stack Software Engineering Intern

Wayfair

Developed a news feed of user-created rooms using GraphQL, React, and Redux for Room Planner to analyze and improve the tool. Co-created first Community Coding Day for 6th-8th graders.



Jan 2017 -  
Present

### Research Assistant

Carnegie Mellon Department of Statistics and Data Science

Investigated Irish Census data using webscraping and graphical data visualization with the goal of augmenting record linkage models. Examined simulated astronomical data using ML techniques.



## EDUCATION



2016 - 2020  
QPA: 4.00

### Carnegie Mellon University

B.S. in Statistics and Machine Learning, Additional Major in Human-Computer Interaction

Master of Human-Computer Interaction

Andrew Carnegie Society Scholar | Quant. Social Science Scholar  
Dean's List with High Honors: Fall 2016 - Fall 2019



## LEADERSHIP EXPERIENCE



Jan 2017 -  
Present

### Teaching Assistant

Carnegie Mellon University Courses 36-202, 15-112, 36-226, 36-225

Lead labs, recitations, review sessions, and office hours for classes of 60 to 200+ students. Mentored Python term projects in 15-112.



Aug 2018 -  
Present

### Greek Sing Chair

Delta Tau Delta Fraternity - Delta Beta Chapter

Head the production and rehearsal of a 15-minute musical in annual competition/fundraiser. Oversee service and philanthropy efforts.



Aug 2017 -  
May 2019

### Resident Assistant

Carnegie Mellon Mudge House and Webster Hall

Aided in emergencies and executed programming for 340+ residents.



Aug 2017 -  
May 2018

### Push Captain

CIA Buggy Sweepstakes Organization

Responsible for recruitment, athletic training, and coordinating logistics as part of a 0.84 mile relay race using carbon fiber vehicles.