

# Ashley Deshields

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## Github

github.com/adeshiel

## Languages

Python ★★★★★  
SQL ★★★★★  
Java ★★★★★  
Javascript ★★★★★  
Linux ★★★★★  
Groovy ★★★★★  
Matlab ★★★★★  
C ★★★★★  
TypeScript ★★★★★

## Frameworks

React.js  
Node.js  
Express.js  
AngularJS  
Mongoose  
Flask  
Robot

## Other Skills

Git  
Jira  
SCRUM  
Terraform  
ElasticSearch  
LogStash  
Kibana  
MongoDB  
Adobe Photoshop  
Adobe InDesign  
Adobe Illustrator  
Microsoft Suite

## Spoken Languages

English ★★★★★  
Spanish ★★★★★  
Korean ★★★★★

## Education

Sep 2016 -  
Now

### Boston University

Expected graduation date: January 2020

Majoring in Computer Science

## Work Experience

June 2017 -  
Now

### Computer Assistant/Programmer

BU IT Help Center

Assists Professors in setting up classroom systems and events (i.e. projection and sounds systems) and assists them with various technical problems.

June 2019 -  
Aug 2019

### Software Engineering - Solutions & Tools Intern

128Technology

- Used Robot Framework to create test cases.
- Created SQL database tools using Click and Flask frameworks.
- Created NoSQL database tools using ELK stack, Robot, and XML scraping.
- Used Terraform and KVM to generate testing tools
- Created tools in Groovy and Python for Jenkins Pipeline
- Participated in SCRUM sessions twice to four times a week

## Projects

Apr 2017

### Twitter Emotion Analysis

HappyTweet

Used Flask, React, MongoDB, tweepy and Indico's sentiment analysis API to create a web app that displays a graph of emotions based on a twitter username and the users most recent 20 tweets. *Finalist* for HackBeanpot 2017.

May 2017 -  
Feb 2018

### Essay Modifier

B-Essay

Used Mashape's Word API and Flask to create a web app that takes in an unfinished essay then extends the essay to meet the necessary word count for a paper.

Sep 2017

### Pronunciation Aid Application

ProNOWnce

Used React Native to create a mobile app that uses audio clues to teach users, mainly non-native English speakers, how to properly pronounce more complex vocabulary.

May 2018 -  
Now

### Pokemon Battle Simulator

Pokemon Dream Team

Used Flask, React, and Pokebase API to create a web app that simulates Pokemon battles and gives each team a score detailing strengths and weaknesses. Gives full battle detail.

May 2018 -  
June 2018

### Game-to-Movie Recommendation Web Application

SteamToSLAM

Used the MEAN Stack to create a web app that takes in a Steam username and returns movie and show recommendations based on recent gameplay.

Jan 2019 -  
May 2019

### Emotion-based Video Editor

Dramafy

Used Microsoft Azure, OpenCV, and Flask to create a webapp that runs sentiment analysis on uploaded videos and automatically edits them by adding effects based on emotions displayed.

Jan 2019

### Machine Learning Lyric Generator

Hilyrics

Used React, Tensorflow, Flask, and Spotify to create a webapp that returns new song lyrics based on a user's Spotify playlist.