

Ashley Deshields

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(410)818-3657

Education

Boston University
Sep 2016 - Jan 2020
BA Computer Science

Github

github.com/adeshiel

Languages

Python ★★★★★
Node.js ★★★★★
Postgres/SQL ★★★★★
NoSQL ★★★★★
Java ★★★★★
Javascript ★★★★★
Linux ★★★★★
Groovy ★★★★★
Matlab ★★★★★
TypeScript ★★★★★
C ★★★★★

Frameworks

React.js
Express.js
AngularJS
Flask
Robot
Click

Other Skills

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

Spoken Languages

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

Work Experience

Jan 2020 -
Current

Software Engineering - Tools

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- Developed SQL database tools for testbed management using Click and Flask.
- Developed NoSQL database tools for Kibana
- Wrote unit and system tests using PyTest and Tox
- Participated in SCRUM sessions twice to four times a week
- Developed an interface to testbed management tool in Python and React

Jan 2020 -
May 2020

Project Management/Backend Developer

BU Spark! Innovation Fellowship

- Lead the team through the workflow of the project, and readjusting as necessary
- Hosted weekly Scrum sessions for team members
- Used Python to write QR code generation and encryption for data
- Helped the team to debug application on front and backends

Sep 2019 -
Dec 2019

Project Management/Backend Developer

BU Spark! Innovation Fellowship

- Scheduled weekly meetings with mentors and clients and laid out Jira tasks
- Developed a prototype university planning tool using Node.js and Express
- Won Best Design.

June 2019 -
Aug 2019

Software Engineering - Solutions & Tools Intern

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

June 2017 -
Dec 2019

Computer Assistant/Programmer

BU IT Help Center

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

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.

May 2018 -
Now

AI-Only 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.

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.