Zumaad Khan

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Availability: July - December 2019

EDUCATION

Northeastern University, Boston, MA   Sept 2017-present
Khoury College of Computer and Information Sciences
Candidate for a Bachelor of Science in Computer Science
        Related Courses: Object Oriented Design, Algorithms and Data, Artificial Intelligence, Database Design

TECHNICAL KNOWLEDGE

Languages: Python, Java, Javascript, SQL
Frontend: React, Javascript, HTML, CSS, Bootstrap
Backend: Django, Python, mySQL
Devops: AWS Elastic Beanstalk, AWS RDS, AWS S3
Other: Git

PROJECTS (non-academic)   *Code: github.com/zumaad   demos: www.zumaad.me*

SchedulingFor.me - [Web] [Python | Django | mySQL | AWS RDS | React | Javascript]   **December - January 2018**
- Created an online scheduler/time-management tool with data persistence, user authentication, and a highly dynamic UI which **significantly cut down my planning time per day**
- Users can specify a hierarchy of tasks, set deadlines, **receive email notifications of tasks**, track progress, and sort tasks based on priority/deadline date
- Built frontend/UI with **React**
- Designed and implemented backend with **Django, mySQL (deployed with AWS RDS for data persistence)**
- *Demo : SchedulingFor.me*

Gym navigator - [Web,Database Design] [Python | Django | mySQL | SQL | AWS RDS]   **December 2018**
- Developed a tool to help newcomers at my university gym locate equipment by returning custom-made floor plans and pictures of equipment for over 70 pieces of equipment
- Written in Python using **Django** backed by **mySQL**
- *Demo: www.zumaad.me/marino-navigator*

Tweetlyze.info - [Web, Data Science] [Python | Django | Bootstrap | AWS Elastic Beanstalk]   **August - November 2018**
- Utilized twitter api to get tweets and used natural language processing and statistics to analyze users' tweets and provide a more human look at twitter usage through **15 different data visualizations across 3 broad metrics: sentiment, general statistics, and interactions**
- Created backend in **Django**
- Deployed with **AWS elastic beanstalk** and used S3 as a CDN.
- *Demo: tweetlyze.info*

Runescape-Investment-Tracker [Python | SpeechRecognition API | Pyttsx3]   **July 2018**
- Developed a tool for aiding arbitrage on virtual commodity markets with in-game currency(exchangeable with USD) and **boosted my profits 20-30%**
- Integrated speech to text for updating/adding/tracking investments done using wrapper for google web speech API
- Implemented a speech-based UI so it could give information by reading investments out loud
- *Demo: www.zumaad.me/investment-tracker*

WORK EXPERIENCE

East Jefferson Hospital - Helped pharmacists by delivering medicine around the hospital   **4 months**
SUNO stem camp - Taught students to build/program robotic systems   **3 weeks**

INTERESTS

Chess, weightlifting, virtual investing