

EDUCATION

Institute: University of Maryland, College Park, MD

Degree: Bachelor of Science

Major/Minor(s): Computer Science/Statistics

Graduation Date: May 2018

Related Coursework: Programming Algorithms, Computer Architecture, Data Structures

TECHNICAL SKILLS

Programming Languages: Java, Ruby, Python, C/C++, SQL, Assembly, Rails, OCAML, HTML, PHP, LISP, JavaScript, CSS, SAS

Software: Excel, SAS, R-Studio

Operating Systems: Unix/Linux, Windows

Github: AaditPatel13

PROJECT WORK

Wordnet

- Made a ruby program that takes and groups words into sets of synonyms called synsets and describes semantic relationships between them
- Create a command parser that that can recognize commands through terminal and allow you to perform operations and get responses from the ruby program.

Prolog maze

- Made a program in Prolog that allowed me to take complicated mazes and implement functions in prolog that could be used together to find solutions to these mazes.

QuadTree Data Structure

- Created a QuadTree data structure that is able to store and recover data very quickly in a fast operating time.

Learn 2 Tune

- An ongoing project of mine that allows people who are trying to become proficient at guitar get a better understanding of how to tune the guitar by ear and get the needed practice to be able to do this on their own.

Event Manager Website

- A website that allows people to create events that other people can see and go to. Also allows someone to RSVP for events and see the total number of events that they have signed up for and the dates of the events.

WORK EXPERIENCE

Gulf Gas and Grocery Mart, Horsham, PA

6/2012 – 8/2014

Shift Manager

- Managed sales and operations of the gas station and grocery mart to ensure business was running efficiently.
- Developed an inventory model in Microsoft Excel to better track and efficiently use funds for active inventory and move inactive inventory quickly.
- Worked with owner to perform inventory surveys and replenishment by routine and seasonal adjustments.
- Maintained customer relations to assure their satisfaction and steady patronage.

Kumon Math and Reading Center, Horsham, PA

8/2011 – 10/2014

Instructor

- Helped students of all ages with improving proficiency of math and reading by providing steady tutoring.
- Guided students of elementary math to calculus to use better techniques so solve math problems so that they can perform more accurately and in expediently.
- Assisted supervising instructor with grading and logging student performance data in proprietary system and Microsoft Excel.

EXTRA CURRICULAR

- Bitcamp Hackathon
- Asian Student Association
- Do Good Challenge