Thang H. Dao

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OBJECTIVE

Rising senior and aspiring data scientist seeking an internship position to apply my data science, programming, and communication skills in real-world applications

EDUCATION

Quinnipiac University, School of Engineering   Hamden, CT
B.S. in Computer Science   Expected Spring 2021
Double Minor: Mathematics, Applied Statistics & Data Science
Honors and Awards**:** Dean's List Spring 2019

SKILLS

Programming Languages: Java, SQL, R, Python
Database: MySQL, ER & RM diagram
Software Development: Scrum
Software and Tools: Microsoft Office Suite, Git, GitHub, Eclipse, RStudio, IntelliJ IDEA, Visual Studio Code

PROJECTS

Deal Bot, *Developer*   November 2019 – December 2019
- Created a Java program with teammates that searches for deals on www.dealsea.com based on a user's input
- Utilized Jsoup API to web scrape and parse HTML into meaningful data

Multiple Linear Regression Analysis, *Researcher*   October 2019 – December 2019
- Cleaned and manipulated unstructured datasets using R to gain insights on the relationship between crime rates in the U.S. and unemployment
- Conducted regression analysis on data to assess and quantify the relationship between crime rates and unemployment
- Synthesized findings in term paper, discussing motivation behind project, methodology used, as well as significant findings, results, and conclusions of analysis

Yeast Transcriptomics Database, *Developer/Researcher*   October 2019 – December 2019
- Cleaned several complex datasets and merged them into MySQL database using Python
- Utilized Python's libraries and packages for efficient data parsing
- Created interactive dashboard with 5 visualizations showing important trends in the data

Game Overhaul Project, *Developer*   Fall 2018
- Collaborated with teammates to develop Waves Game, adding enhancements and improvements to game
- Explored various project management tools and employed SCRUM methodology to successfully complete project
- Wrote weekly report and gave presentations during Scrum cycle sharing significant findings and recommendations from a project manager perspective

VOLUNTEERING

19th Annual High School Programming Competition, Hamden, CT
Volunteer   April 2019
- Coordinated organization of competition rooms for competing teams
- Facilitated answer process and provided support to teams as well as acted as main liaison between professors and teams

B.A.S.I.C., Wallingford, CT
Volunteer   April 2019
- Provided one on one guidance to local senior citizens to help improve computer skills and increase technology literacy

ACTIVITIES

Quinnipiac University Men's Soccer   August 2017 – May 2018
Quinnipiac Intramural Soccer Champions   October – November 2019