**Thang H. Dao**

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# **OBJECTIVE**

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

# **EDUCATION**

**Quinnipiac University, School of Engineering** Hamden, CT

Bachelor of Science (BS) in Computer Sciencex 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**: Agile, 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