

# 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

B.S. in Computer Science

Double Minor: Mathematics, Applied Statistics & Data Science

Honors and Awards: Dean's List Spring 2019

Hamden, CT

Expected Spring 2021

## 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](http://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