Mark Asuncion

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EDUCATION

University of Toronto **Mississauga, ON**
Honours Bachelor of Science – Applied Statistics and Computer Science September 2019 – present

- Cumulative GPA: 3.9/4.0
- Expected Completion: May 2023
- Achieved Dean's Honours list throughout all semesters enrolled
- Relevant Coursework: Software Design, Data Structures & Algorithms, Probability & Statistics, Discrete Math
- Societies and extracurriculars: UTMSAM, UTMCSSC, Intramural Basketball

WORK EXPERIENCE

MATHNASIUM **Mississauga, ON**
Lead Instructor *December 2018 – Present*

- Helped students of all ages achieve academic success in math by teaching them through curated learning plans that targeted their weaknesses and by assisting them with their homework
- Facilitated the **"team-teaching"** methodology implemented by the company
- Smoothly transitioned from in-person teaching to working remotely, all while maintaining top service and adhering to company's teaching methods

PANERA BREAD CO. **Oakville, ON**
General Associate *August 2016 – July 2019*

- Formed relationships with customers daily by answering inquiries about the menu and by setting up catering orders for large events
- Regularly worked under time constraints from daily lunch rushes and order deadlines
- Performed administrative duties to maintain a safe and hygienic workplace

SKILLS

- **Programming:** Python, Java, HTML, CSS
- **Development & Miscellaneous Technologies:** Flask, Heroku, Git, SQL, Visual Studio Code, Jupyter Notebooks
- **Interpersonal Skills:** Customer service, tutoring, teamwork

PROJECTS

STUDENT DASHBOARD **https://mathstudent-tracker.herokuapp.com/**
Mathnasium Meadowvale *July 2019 – December 2020*

- Developed a web app with **CRUD** functionality that scrapes the official Mathnasium website and displays relevant information of each student in real time to the instructors currently working to help keep on top of the active students each session
- Designed the scraper using libraries like **Selenium & BeautifulSoup4** to automate the process and parse the webpage
- The backend of the app was written using **Python, Flask** and **SQLAlchemy** as the database
- The front end used simple **HTML & CSS** with **BootStrap** to make the app responsive

BUS ROUTE SIMULATION
University of Toronto *September 2020 – November 2020*

- Created for the cumulative group project assigned in **CSC207 (Software Design)**
- Written in **Java**, the script prompted the user and simulated a passenger's experience which allowed them to tap on/off at each transit or switch transportation methods, all while keeping track of different statistics like the average revenue of each station or the amount of credits a passenger had left on their card
- Collaborated with a team of 3 other students, following the **Agile** development process by using **Scrum** and implementing different **design patterns** that we thought would work best with our project

IMAGE CLASSIFIER **https://github.com/gmasuncion/The6ixPrediction**
The Coding Hive *March 2019*

- Implemented a **neural network** in **Python** that is able to correctly identify images of handwritten numbers with an accuracy of **96%**
- Used **Deep Learning** techniques and algorithms like **linear regression**
- Written on **Jupyter Notebooks** and utilized various scientific libraries like **matplotlib** and **keras** to train the model