

Neysa Patel

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EDUCATION

Bachelor of Computer Science

University of Waterloo

Sept 2020 – Apr 2025 (Expected)

Waterloo, ON

- GPA: 94.4%
- **Relevant Coursework:** Object Oriented Software Development, Elementary Algorithm Design & Data Abstraction, Functional Programming, Probability

SKILLS

Languages: Java, Python, C/C++/C#, SQL, JavaScript, HTML/CSS, R, Bash, Scheme

Frameworks: React, Node.js, Express.js, Flask

Tools: MySQL, MongoDB, Linux, Git

PROJECTS

Crochetella | *MERN (MongoDB, Express, React, Node) Stack*

Apr 2021

- Fully functional e-commerce web application using PayPal for order placement
- Increased efficiency by 35% by storing user login, order, and delivery status data using MongoDB
- Decreased server data fetch time by using React Hooks and managing state with Redux

Sentify | *Python - NLP (Natural Language Processing), Twitter API*

Nov 2020

- Analyzes the sentiment of posts (such as Amazon or IMDb reviews, Tweets, Instagram comments)
- Retrieved a dataset of 10,000 tweets using Twitter's API, which were then tokenized and normalized
- Applied Naive Bayes classifier to convert tokens into a dictionary with over 50,000 key-value pairs

tl;dr Article Summarizer | *Python - NLP (Natural Language Processing)*

Jun 2020

- Performs Extractive Summarization using unsupervised learning
- Reduced runtime by representing sentences as vectors and evaluating their Cosine Similarities

EXPERIENCE

Software Engineering Virtual Experience Program (Certification)

May 2021

JP Morgan Chase & Co.

- Developed an interface with live updates to stock price data using Perspective with python scripts
- Displayed the stock price data using a live line graph

Sales Associate

Jun 2020 – Present

Mark's

Burlington, ON

- Successfully trained 15+ co-workers to obtain and process Canadian Tire MasterCard (CTM) sign-ups
- Praised by management for excellent initiative and customer service, and obtaining 6 CTM sign-ups
- Employee of the Month in Aug 2020, Nov 2020, and Jan 2021

Vice President of Social Media

Jan 2021 - May 2021

UWaterloo Data Science Club

Waterloo, ON

- Led all aspects of the club's social media strategy, increasing Twitter following by 120%, Instagram following by 85%, and Facebook following by 60%

ICU Volunteer

Aug 2019 – Sept 2020

Joseph Brant Hospital

Burlington, ON

- Effectively maintained a database of 50+ patients and visitors in the ICU rooms during every shift