

JAEMIN HAN

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EDUCATION

University of Waterloo

Candidate for Bachelor of Mathematics, Honors Statistics, Minor in Computing

Waterloo, ON

Expected May 2024

- **Relevant Coursework:** Computational Statistics and Data Analysis, Applied Linear Models, Samplings and Experimental Design, Stochastic Processes, Stochastic Simulation Methods, Natural Language Processing in Python

SKILLS

Languages: Python, R, SQL (Postgres, MySQL), Javascript, HTML/CSS, C#

Developer Tools & Frameworks: PowerBI, Git, AWS, React, Node.js, Flask, Express, Excel,

Libraries: Scikit-Learn, Pandas, Numpy, Matplotlib, Scikit-Learn, NLTK, Selenium, jQuery, d3.js, streamlit

Certifications & Training: [DELFI B2 French Certification](#)

WORK EXPERIENCE

SpotWork

Software Engineer

Toronto, ON

Sep 2021 - May 2022

- Devised client-facing components in an Agile environment utilizing Test Driven Development, **increasing coverage on Unit Tested code to 80%** and implementing strategies to integrate additional testing into tickets
- Lead a team to overhaul the legacy production code to increase stability and ease of development. This led to a 15% improvement in **run time performance and reduced user churn** by 15% for features averaging 100+ daily users
- Built and deployed administrator panel with user profile customization and comment functions to ease user management and monitoring for internal stakeholders and business clients, enabling sales team to acquire new customers.

JobKast

Business and Product Analyst Intern

Toronto, ON

Mar 2021 - May 2021

- Performed market analysis, collected and analyzed industry data and used the findings to develop a business strategy for entering the student job market. Mapped analysis to a product strategy for creating user acquisition workflows.
- Visualized collected market data with Excel, presented findings to management and created an action plan for the team to identify business opportunities, helped in user segmentation

ACTIVITIES

University of Waterloo Data Science Club

Podcast Host/Producer (Diving into the Data Den)

Waterloo, ON

September 2022 – Present

- Hosts and produces podcasts/interviews featuring domain experts in the data science industry (OpenAI, Waymo, MLSE)
- Prepares questions to lead informative sessions with guests for student demographic interested in the data industry

SnowFort

Founder

North York, ON

Mar 2020 – Present

- Founded a personalized digital marketing and videography firm working with 15+ clients to digitize local businesses and provide on-site videography for events
- Led a team of 4 to establish a business development plan and marketing strategy that **grew client base by 150%** and generated **total revenue of \$8000+ over the span of 8 months**

University of Waterloo eSports

Shoutcaster

Waterloo, ON

January 2023 – Present

- Provides commentary for collegiate eSports matches, creating an exciting viewing experience for audiences.

PROJECTS

Macaron (Winner of nwHacks Best Pitch & Honorable Mention) - Python

- Developed a news summarizer and sentiment analyzer webapp using Python, NLTK, Scrapy, and NextJS to collect information over news websites and Twitter to aggregate public sentiment and extract keywords

Github Top Repos Analysis - Python

- Developed an end-to-end data analysis project that scraped, cleaned, analyzed, and visualized data from GitHub, focusing on identifying and understanding the characteristics of the top repositories
- Utilized Selenium WebDriver in Python to scrape information of top GitHub repositories
- Conducted ETL, EDA to understand the distribution and patterns in the repo data with Pandas and Matplotlib

HobbyNet - React

- Developed a full stack multi-page social media webapp using Postgres, Express, React, NodeJS, Socket.io