

## Robert Kaczur

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### Objective

Motivated Applied AI Solutions student with a strong foundation in Python, PyTorch, and TensorFlow, seeking a role in AI. Aiming to employ my expertise in developing AI capabilities and large language models to contribute to innovative business solutions..

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### Highlights of Qualifications

- Proficient in Python, SQL, and JavaScript, with a strong foundation in leveraging these languages for data analysis, customer experience enhancements, and software solution development.
  - Skilled in data science tools such as Pandas, NumPy, TensorFlow, and PyTorch for robust data analysis, predictive modeling, and decision-making support.
  - Practical experience with Linux administration, command-line tools/scripting, and developing applications using flask.
  - Agile and adaptive to change, with the ability to manage multiple priorities in a fast-paced environment.
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### Technical Skills

**Programming languages:** Proficient in C#, Python, JavaScript, Java, PHP, and HTML/CSS.

**Data Science tools:** Experienced in using Excel, Tableau, Pandas, numpy, Keras, and scikit-learn for data analysis and modeling.

**Machine Learning:** Able to create statistical machine learning, deep learning, and large language models to solve business problems.

**Databases:** Able to design and query multiple database systems including MySQL, PostgreSQL, and Spark.

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### Education

- **George Brown College, Toronto, ON – Applied AI Solutions, Post Graduate Certificate** **Sept 2023 – Aug 2024**
    - Focus on Machine Learning, Deep learning, Data science, Data Visualization coursework.
    - Gained extensive hands-on experience with Pandas, NumPy, scikit learn, TensorFlow and Pytorch.
    - **Projects**
      - **Predictive Maintenance** – Created, evaluated, and compared statistical machine learning models such as logistic regression, KVM, SGD, SVMs, including PCA for feature engineering.
      - **AI for stock market prediction** – Created LSTM, GRU models to forecast stock market prices of stocks listed on the Nasdaq including per stock news sentiment analysis using real time data using TensorFlow.
  - **George Brown College, Toronto, ON – Computer Programming and Analysis, Advanced Diploma** **Sept 2020 – Apr 2023**
    - Web, desktop, mobile development along with object-oriented software design and analysis coursework
    - **Projects**
      - **Brilliant Dentistry** – Capstone Project – **Stack:** Python, Flask, React, MongoDB
    - **Accomplishments**
      - IEEEExtreme 16.0: **Team Name:** NonEuclideanDreams – **Country Ranking:** 9 – **Global ranking:** 826
  - **George Brown College, Toronto, ON – Computer Systems Technology, Advanced Diploma** **Jan 2017 - Dec 2019**
    - Computer systems coursework including system, network and database server administration using virtualization.
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### Experience

#### Freelance Invoice Support – Vican Property Service Inc, Toronto **2017 - 2024**

- Efficiently manage client invoicing, transforming emails into professional invoices with accurate pricing and tax calculations.
- Maintain an Excel-based tracking system for invoices, enhancing the organization and accessibility of financial records.
- Streamlined the invoice creation process with a custom template, improving billing efficiency and consistency.
- Serve as the primary liaison for project managers, ensuring accurate and timely delivery of invoices for diverse projects.

#### Freelance Developer **2020 - 2023**

- Crafted an engaging, interactive client portfolio website using Bootstrap and JavaScript to bolster online presence.
- Deployed a portfolio example application on Azure, showcasing expertise in cloud-based hosting and application management, as well as Set up domain and SSL certification using Certbot, ensuring a secure, trusted web presence.
- Designed a Minimum Viable Product (MVP) for a service request application using Flask to create an API, with a database hosted on Heroku and a front-end built with React Native.