**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..

**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.

**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.

**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 LTSM, 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**

 - IEEEXtreme 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.

**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.