

# Jared Park BSc

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## Data Analyst

Dedicated and passionate university graduate with experience in programming and analyzing data. Comfortable working in diverse teams and independently, keeps work related tasks organized and well documented, loves to work with large sets of data to get a better understanding of the world around us.

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## Skills

- Accurate data analysis
  - Working with large data sets
  - Writing detailed reports explaining data analysis process
  - Presenting reports to a team and orally explaining process
  - Meets Deadlines
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## Technology Proficiencies

- Microsoft Office (Word, Excel, PowerPoint)
  - Python (Pandas, NumPy, Matplotlib, Plotly, Streamlit)
  - C/C++ (ROOT)
  - Linux (Ubuntu)
  - SQL (SQLite, MySQL)
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## Relevant Projects

### RESEARCHING LITHIUM-12

**Description:** Analyzed large sets of data using the ROOT data analysis framework to find any resonance states of  $^{12}\text{Li}$  that may be present in data collected by the IRIS team at TRIUMF. The process involved analyzing and filtering out data from unrelated interactions and writing weekly reports to share with the team.

### STOCK/CURRENCY EXCHANGE RATE WEB APPLICATION

**Description:** Built a web application using Streamlit and an api that gets company stock information from yahoo finance allowing users to search and view stock prices and view exchange rates between two nations. It also displayed historical data using Plotly.

### ANALYZING DATA FROM GUITAR NOTES

**Description:** Built a frequency detector using an Arduino that could collect data in excel automatically and store it in a csv file. The data was visualized in python as a scatterplot using NumPy and matplotlib libraries. A line of best fit was fitted to the data which had no slope showing correlation between guitar notes and amp distortion.

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## Relevant Work Experience

**Research Assistant**, Saint Mary's University

2021-2022(Contract)

Description:

- Performed data analysis work for the IRIS team at the TRIUMF facility.
  - Used the ROOT data analysis framework in Linux.
  - Wrote reports about my findings and presented them to the team.
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## Other Work Experience

**Ice Packer**, Party Ice

2023-2023(Contract)

**Night Merchandiser, Tire and Oil Changer**, Costco

2022-2023(Left Job)

**Factory Worker**, Maritime Paper

2020-2020(Contract)

**Gas Clerk**, Burgess Service Centre

2017-2020(Laid Off)

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## Education

**Bachelor of Science**, Honors Physics, Saint Mary's University

2022

Graduated with a 3.81 GPA with dean's list distinction.

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## Community Service

**Bingo Host**, Free the Children

2016-2018

- Co-hosted Event
- Handled calling numbers and Prizes.

## References Available Upon Request