

Saisrikar Suriseti

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TECHNICAL SKILLS

Languages: Python, C++, C, C, SQL, Racket, Lisp, Scheme, Java, JavaScript, React, NextJS, Postgres, Tailwind CSS, CSS

Cloud Tools: AWS Lambda, AWS Lex, Google Cloud Platform

Libraries/Frameworks: Keras, Pandas, NumPy, Matplotlib

Developer Tools: Git, Inventor, VS Code, IntelliJ, PyCharm

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Mathematics, Intended Major: Pure Math/CS or DS

Expected Graduation: 2028

Relevant Coursework: Functional Programming (Advanced), Number Theory (Advanced), Abstract Algebra (Advanced), Analysis (Advanced), Probability/Statistics (Advanced), Elementary Algorithm Design (Advanced), Data Abstraction (Advanced), Linear Algebra (Advanced).

EXPERIENCE

Data Science Co-op

Summer 2025

Stealth

Remote

- Conducting **quantitative analysis**, **data science**, and **machine learning** projects to drive actionable insights.
- Collaborating with cross-functional teams to develop **scalable solutions** for data-driven decision-making.

Undergraduate Researcher in Sports Analytics

Fall 2024

University of Waterloo

Waterloo, ON

- Assisting in the development of the world's **second-largest university sports database** by cleaning, mining, augmenting, and validating data.
- Utilizing advanced **data analytics techniques** to ensure accuracy and usability of sports data for research and performance insights.

Jane Street Estimathon Winner - University of Waterloo

2024

Jane Street

Waterloo, ON

- Secured **1st Place** in a prestigious quantitative competition, showcasing advanced **mathematical modeling**, **problem-solving**, and **time management** skills.
- Achieved a score **double that of second place**, demonstrating **numerical precision** and **strategic reasoning** under pressure.

President of Robotics Club

Sept. 2022 – Aug. 2024

Churchill Robotics

Calgary, AB

- Managed **150+ members**, transforming the club into Alberta's **top-performing robotics organization**.
- Represented Canada at the **2024 and 2023 VEX Robotics World Championship**, leading a **3-member team** to **Top 10 globally**.
- Secured **20+ awards**, including the **Provincial Championship** and **Excellence Award**, achieving an **80% competition win rate**.
- Designed advanced CAD models on Inventor, reducing rebuild time by **15%** and improving robot performance.
- Developed **autonomous systems** in C++ using **PID controllers** and sensors, increasing accuracy by **35%**.

Professional Gamer

May 2020 – July 2021

Fortnite

Omen E-Sports, KNG E-Sports, Wkey E-Sports

- Earned **\$10,000+** in tournament winnings, ranking **Top 500 globally** and **Top 25 in Canada**.
- Demonstrated adaptability, quick decision-making, and teamwork under high-pressure competition.

AAA/AA Ice Hockey Player

2018 – 2023

Calgary Northstars, U18 Bandits

Calgary, AB

- Played competitively for **8+ years as a forward**, ranking in the **top 1% in Alberta**.
- Balanced demanding athletics with academic excellence, demonstrating **strong time management**.

PROJECTS

BankerBot | Python, AWS Lex, AWS Lambda

June 2024

- Developed a chatbot using AWS Lex, achieving **95% accuracy** in query responses.
- Optimized AWS Lambda functions to reduce response times by **20%**.

Stock Price Predictor | Yahoo Finance API, Keras, Pandas, NumPy

May 2024 – Present

- Built an **LSTM-based forecasting model**, achieving **90% prediction accuracy**(as of Nov 20).
- Automated real-time data collection via Yahoo Finance API, improving efficiency by **30%**.
- Visualized actual vs. predicted stock trends with Matplotlib for model evaluation.