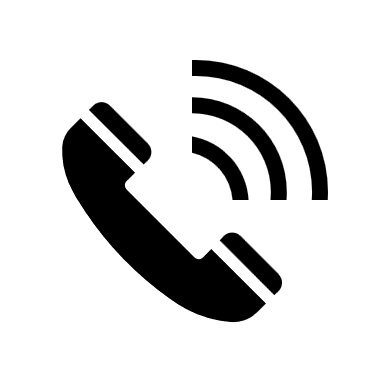
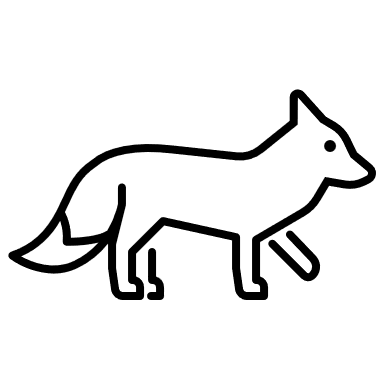
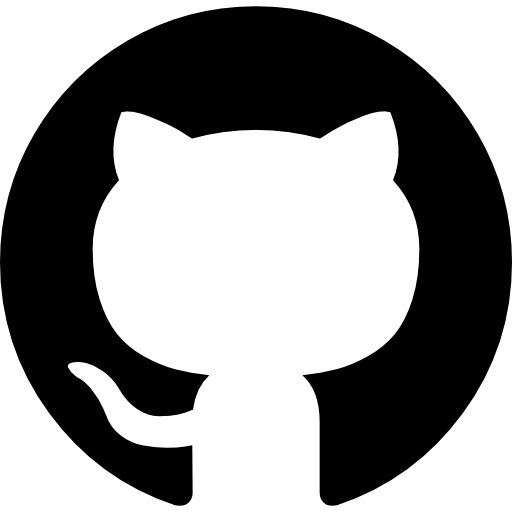
**Sean Kernitsman**

*Software and Web Developer based in Waterloo, Canada*

 [skernits@uwaterloo.ca](mailto:skernits@uwaterloo.ca) (647) 831-4626 SeanKer.com github.com/Sean-Ker

# SKILLS

## **Programming Languages:** Python, JavaScript, HTML, CSS, Sass, SQL, C#, R, LaTeX

## **Technologies:** Node.js, Git, TFS, REST API, Microsoft SQL Server

## **Libraries and Frameworks:** jQuery, React.js, Express, Bootstrap, TensorFlow, Scikit-learn, NumPy, Pandas, ASP.NET Core

## **Environments:** Heroku, Netlify, VS Code, SQL Server Management Studio, Microsoft Excel

# RELEVANT EXPERIENCE

**Web Development Intern May 2021 – Dec 2021**

## **PCF Souvenirs** **Markham, ON**

* Designed, architectured, and developed proprietary business vacation tracker web app using React.JS, SASS, and SQL to ensure company could keep track of vacation requests of employees
* Colaborated with third-party stakeholders to design and implement B2B apparel sales solution using jQuery, Html, CSS, and SQL which saved hundreds of hours of processing time
* Worked across departments to automate repetitive tasks in C#, Python, and MS Excel to save time on unnecessary monotonous duty
* Engaged with computer hardware, repaired, and built new systems for employees to use for optimal flow and productivity

# OTHER EXPERIENCE

**Warehouse Associate May 2020 – Aug 2020**

## **PCF Souvenirs** **Markham, ON**

* Quickly picked 200 items per hour for delivery
* Worked fast in a high-pressure environment
* Stocked, counted, and organized products in the warehouse

# RELEVANT PROJECTS

* Developed algorithmic trading solution utilizing machine learning, statistical analysis, and backtesting utilities in a team of three to profit from the financial markets (Python, NumPy, Pandas, TensorFlow)
* Statistical multidimensional outlier detection library for Python with an accuracy level of 95% (TensorFlow, Scikit-learn, NumPy)

# EDUCATION

**University of Waterloo, Ontario Sept 2020 - Aug 2025**

Candidate for Bachelor of Mathematics, Honours Statistics

University of Waterloo President's Scholarship recipient for an entree grade of 95% or higher

# interests

Chess, biking, hiking, Cross Country