

# Brad Park

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## SKILLS

### LANGUAGES

- C#
- Python
- SQL
- Bash
- R
- JavaScript
- C/C++
- HTML/CSS
- Java

### FRAMEWORKS / TOOLS

- Node.js
- React
- Express.js
- MongoDB
- jQuery
- Bootstrap
- .NET
- SQL Server
- Azure
- Selenium
- Git
- Entity Framework

## EDUCATION

### UNIVERSITY OF WATERLOO

Bachelors of Computer Science  
Minor in Economics  
Sept 2018 - Apr 2023 (Expected)

### RELEVANT COURSEWORK

- Data Structures and Data Management
- Object-Oriented Software Development
- Algorithm Design and Data Abstraction
- Logic and Computation
- Functional Programming

## ACHIEVEMENTS

### TRUDY BYMA SCHOLARSHIP

Awarded \$1500 to one outstanding computer science student

### PRESIDENT'S SCHOLARSHIP OF DISTINCTION

Awarded \$2000 for 99% admission average

## INTERESTS

- Investing/trading
- Soccer
- Music
- Fashion
- Machine Learning

## EXPERIENCE

### LISTACROSS | BACKEND ENGINEER INTERN

Brooklyn, NY | May 2020 - Aug. 2020

*JavaScript, Node.js, Express.js, MongoDB, Puppeteer, Selenium, Java*

- Built a RESTful API for inventory management and OAuth authentication
- Implemented a proprietary automation system for inventory auto-posting on Facebook Marketplace, and assisted in Android development to extend service to OfferUp and LetGo
- Developed inventory scrapers to automatically import customer inventory into the database, accelerating time-to-live by 14X

### EDISOFT | SOFTWARE DEVELOPER INTERN

Toronto, ON | May 2020 - Aug. 2020

*C#, JavaScript, SQL Server, ASP.NET, Entity Framework, jQuery, Selenium, SVN*

- Developed merchant facing web application to automate business transactions (EDI) to the merchant's ERP, increasing overall SaaS workflow by 15%
- Optimized connecting user's Shopify account to their ERP by automating order fulfillment and inventory updates

### FGF BRANDS | FULL STACK DEVELOPER INTERN

Toronto, ON | May 2019 - Aug. 2019

*C#, JavaScript, SQL Server, ASP.NET, Entity Framework, jQuery, Azure*

- Accelerated client's order management efficiency by developing a vendor management web portal on Azure, effectively increasing speed by 70%
- Implemented live barcode scanners on web apps and to internal library, reducing product report completion time by 35%

### UNIVERSITY OF WATERLOO ROBOTICS | SOFTWARE ENGINEER

Waterloo, ON | Sept. 2018 - Apr. 2019

*C++, ROS, Linux*

- Developed software for Mars rover to compete at University Rover Challenge
- Created an Xbox controller live visualization to use as the vehicle's control interface using ROS Joy to receive/update state of the controller

## PROJECTS

### STYLIST.AI

*Django, MySQL, Tensorflow, Google Cloud Platform, Python, Java*

Created an Android app that personalizes outfits by building a deep learning model based on user's wardrobe, trained with popular outfit database and user's preference from previous selections

### CYBERBULLYING DETECTION BOT

*Python, Scikit-learn, NLTK, NumPy, pickle, Pandas, PRAW*

Scanned Reddit comments using PRAW API wrapper and trained data using custom vectorizer and applied Scikit-learn to predict and detect cyberbullying

### OCR WORD SEARCH SOLVER

*Python, Tesseract-OCR, Pillow, Tkinter*

Developed an algorithm to solve word search by translating game image to text using Tesseract-OCR and visualizing solution using Python Tkinter