Brad Park

☐ (289) 400-7439 | ✉ bradparksw@gmail.com
🌐 bradpark.me | ⌂ github.com/bradparksw | in linkedin.com/in/bradparksw

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
Bachelor 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 to one outstanding computer science student

President's Scholarship of Distinction
Awarded 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 RESTful APIs for inventory management and OAuth authentication
- Implemented a proprietary automation system for auto-posting inventory on Facebook Marketplace, and assisted in Android development to extend service to OfferUp and LetGo
- Developed web 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, SaaS

- Developed merchant facing web application to automate business transactions (EDI) to the merchant's ERP, improving overall SaaS workflow
- 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, Bootstrap, Azure

- Accelerated client's order management efficiency by developing a vendor management web portal on Azure, effectively increasing speed by 40%
- 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

REDDIT CYBERBULLYING DETECTION BOT
Python, Scikit-learn, NLTK, NumPy, pickle, Pandas, PRAW

Scanned Reddit comments using PRAW API wrapper and trained data using custom vectorizer to detect cyberbullying based on word combinations

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