

Parth Solanki

🌐 bit.ly/parthsolanki ✉ parth.solanki@mail.utoronto.ca 📱 ParthSolanki1 **in** parth-solankii

SOFTWARE SKILLS

Excellent: Python, Javascript, C, Node.js, Express.js, React, HTML, CSS, SQL

Good: Java, S3 Storage, Angular, Flask

Fundamentals: Android, Hadoop, Openshift, Kubernetes, GraphQL, MongoDB

EXPERIENCE

Royal Bank of Canada

Toronto, ON

Amplify Software Developer Intern

May 2021 - August 2021

- Designed a production-ready **machine learning pipeline** to solve low risk fraud dispute claims made by customers, saving ~**48 hours** of investigation time by fraud officers
- Created a **microservice** that efficiently ran the model for selected transactions and used user research to **design and develop** an easy-to-use UI
- **Finalist** for a hackathon-like internship which resulted in filing a **patent**
- Technologies: **React, Flask, Python, Docker, Dataiku, OpenShift, SQL**

Royal Bank of Canada

Toronto, ON

Software Developer Intern

Jan 2020 – May 2020

- Created scripts in C# .net core used to **cleanse and transfer** data **safely** between vendor databases saving ~**8 hours** of management by support teams
- Implemented a scheduled monthly mass email service in C# .net core that creates and emails Excel reports to their respective departments saving ~**3 hours** in report creation time
- **Lead** a team of 3 to research and ideate a preliminary plan on how to migrate to S3 storage
- Technologies: **Angular, C# .net core, Pivotal Cloud Foundry (PCF), SQL, S3**

CGI Inc.

Toronto, ON

Software Developer Intern

May 2019 – August 2019

- Worked as a Client-Side Developer at the Canadian Imperial Bank of Commerce (CIBC) in order to develop **large scale** web applications.
- **Lead** a team of 4 in implementing **Accessibility for Ontarians with Disabilities Act's (AODA)** guidelines to ensure applications are compliant, resulting in application getting approval from an **AODA auditor**.
- Technologies: **Angular, HTML, CSS, SQL, NodeJS**

PROJECTS

HRez - Angular, Express.js, MySQL

- A web app that allows employees within a team to communicate with one another by posting announcements.
- Created a **RESTful API** that works along with the **interactive UI** to produce a fast web app.

Reddit Popularity Research - Python, Jupyter Notebook, Numpy, Scikit-learn, pandas

- Utilized rigorous Data Science methods such as **Random forest, Logistic Regression, Naive Bayes, Sentiment Analysis, and bag of word techniques** to determine whether the popularity of a Reddit post can be determined solely by the content.

Mini Music Synthesizer - C

- Produced a script that creates an executable .wav file from musical notes inputted by user through text files, using **Karplus-Strong plucked string algorithm**
- Utilizes binary search trees and recursive algorithms to add or remove musical notes inputted by the user.

EDUCATION

University of Toronto

2018 - Present

Honours Bachelor Of Science in Computer Science

CGPA: 3.85/4.00

- 4th year student specializing in **Software Engineering**
- Awards: 3x Dean's List, Scholar's Program Scholarship (\$7500), President's Scholarship (\$12000)
- Relevant Courses: Data Structures and Algorithms, Advanced Data Analysis, Machine Learning, Computability and Computational Complexity, Human-Computer Interaction, Computer Organization, Databases