

Ibrahim Fadel

SOFTWARE ENGINEER

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Education

Upper Canada College

INTERNATIONAL BACCALAUREATE

Toronto, CA

September 2015 - PRESENT

Spirit of Math Schools

EXTRA CURRICULAR MATH PROGRAM

- Student from grade 1-11

Toronto, CA

September 2010 - 2020

Skills

Languages Javascript, Typescript, Python, C++

Frameworks ReactJS

Experience

World Affairs Conference

CO-DIRECTOR OF TECHNOLOGY

- Full stack web development
- Manage online registration

Toronto, CA

May 2020 - PRESENT

Alice Insights

SOFTWARE ENGINEER INTERN

- Built API for plotting geospatial data
- Wrote unit tests for internal APIs
- Frontend web development

Toronto, CA

January 2020 - PRESENT

Projects

Sandscript

- A statically typed AOT compiled programming language written in C++
- Uses LLVM for code generation

RorkeJS

- Game framework written in Javascript
- Built using the Pixi WebGL renderer

SIRC

- Simple IRC client built with Typescript
- Implemented parts of the IRC protocol
- TCP networking with IRC servers

Itunes to Spotify

- Transfers Itunes playlists to Spotify using the Spotify API
- Parses XML playlist data

UCC Textbook Exchange

- React webapp built to help students exchange textbooks
- Built in messaging

Amnesty UCC

- Webapp built with ReactJS for the Amnesty International club at Upper Canada College
- Admins can post articles
- Comment section on each article

Animate Me

- Simple javascript/css animation library
- JS - Easily select html elements and apply transformations to them
- CSS - Add class(es) to html elements to apply animations