

# 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

DIRECTOR OF TECHNOLOGY

- Manage technology team
- Full stack web development
- Set up registration system

Toronto, CA

May 2020 - PRESENT

### Alice Insights

SOFTWARE ENGINEER INTERN

- Worked on plotting library in d3 for plotting geographical data in 3D/2D space

Toronto, CA

January 2020 - PRESENT

## Projects

### Sandscript

- A simple, compiled programming language written in c++
- Uses LLVM for code generation

### RorkeJS

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

### UCC Textbook Exchange

- Webapp built with ReactJS for easy exchange of high school textbooks at Upper Canada College
- Built in messaging system
- Firebase backend

### 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