

MISCHA BERLIN

mischarberlin@gmail.com
929.289.8908
Queens, NY - US Green Card holder

FULL-STACK WEB DEVELOPER

[GitHub](#)
[LinkedIn](#)
[Portfolio](#)

Summary

I'm a full-stack developer with a background in education, proficient in all things JavaScript—from responsive designs in React.js to endpoints in Express and databases with Knex and Mongoose. I'm excited to put my passion for technology and test-driven development to use. Most of all, I love to learn, and I'm excited to gain experience with new tools and technology.

Skills

JS Front-End: JavaScript ES6, React, Redux, jQuery, HTML5, CSS3, React-Native, Expo

JS Back-End: Node.js, MongoDB, PostgreSQL, Mocha & Chai, JWT, Passport, REST APIs 3, Firebase, Serverless architecture

Development Tools: Git, Github, Chrome Dev Tools, Heroku, Travis CI, PIP3, Netlify

Other: Python 3, PyGame

Recent Projects

GoCery: Finding products in a grocery store made easy with crowdsourced aisle information. App uses MERN stack and integrates Redux for state management, along with the Yelp API and several libraries for geolocating users. GoCery employs mobile-first design practices and works across all platforms. [Front-end repository](#). [Back-end repository](#).

Flamingle: A full-stack online dating app that randomly matches you with other users and comes pre-loaded with ice-breaker questions. Messaging with SocketIO. Front-end with React and Redux. Back-end with Node, Express, Passport, JWT authentication, MongoDB, and Mongoose. [Front-end repository](#). [Back-end repository](#).

Swipe-deck: Fully customizable and reusable card swipe deck (à la Tinder) built with React-Native, using Expo and the RN Animations library.

Block-breaker (repository): An implementation of the classic arcade block-breaker game. Built in Python on top of the PyGame library.

Notes Shark: Notes Shark helps users learn to read musical notes by employing a spaced-repetition algorithm with a singly-linked-list to display notes depending on past performance. Notes Shark uses the MERN stack and saves sounds in MongoDB using Base64 encoded MP3 files. [Front-end repository](#). [Back-end repository](#).

Experience

University of Toronto - Ontario Institute for Studies in Education

September 2012 – September 2017

Research Assistant and IT Support

- Compiled and organized research for multi-year studies published in peer-reviewed academic journals
- Provided IT support and designed presentations for supervising faculty.

Independent Jewish Voices at the University of Toronto

September 2014 – September 2016

President and Co-Founder

- Managed communications and web presence

Education

THINKFUL

February 2019

Engineering Immersion

- Learned industry best practices and practical software development standards focusing on HTML5, CSS3, JavaScript, jQuery, Node.js, React, Redux, and algorithms & data structures.
- Created and deployed mobile-first applications and learned and collaborating several hours every week with a senior web developer.

University of Toronto - Ontario Institute for Studies in Education

January 2016

Master of Education, Social Justice Education

McGill University

November 2012

Bachelor of Arts, Major Concentration in Philosophy and Middle Eastern Studies