

OZZIE KIRKBY

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EDUCATION

Queen's University (May 2021)
Major in Mechanical Engineering
Concentration in Mechatronics

SKILLS

Swift Java mongoDB MySQL

Javascript Python HTML / CSS

C++ GraphQL MATLAB

UIKit node.js numpy ARKit

CoreML React Arduino

UI Design Data Visualization

HOBBIES

Learning Reading Physics

Hockey Running

EVENTS

YHack 2017 Attendee
Hack The North 2017 Attendee
U of T Environmental Sustainability
Conference

LANGUAGES

English French

EXPERIENCE

Shopify iOS Engineer Intern

May 2018 - Aug. 2018

- Developed features to make it easier for merchants to gain insights into their business, reaching over 500k active users.
- Designed new components within the Home tab, resulting in a more reliable and engaging mobile experience.
- Integrated a new flow for merchants to identify, address, and monitor revenue opportunities within their business.

Technologies: Swift, UIKit, Xcode, FunctionalTableData, GraphQL

Outflow iOS App

Sept. 2015 - Current

- Designed, developed, and marketed an iOS app to help manage the complexity of recurring subscriptions by making it easy to understand where your money is being spent. (outflowapp.com)
- Created a feature to help users find pre-existing subscriptions by searching the users Gmail account.
- Grossed over 12k dollars in paid app downloads and hundreds of monthly active user's.

Technologies: Swift, Xcode, UICollectionView, Firebase, Python, Node.js, Sketch, HTML/CSS

Bounce (Startup) Full Stack Engineer

Sept. 2017 - Apr. 2018

- Designed and developed a platform where students can host and find events in their region.
- Created an iOS app to find and pay for events in advance.
- Created a web dashboard for hosts to manage the events and track ticket sales.

Technologies: Swift, Node.Js, Javascript, React, Flask, Stripe, Mapbox, Firebase

PROJECTS

Flatline (Hackathon) iOS App / Web Dashboard

Created a platform where educators could gain real-time insights into student engagement throughout lectures. Utilized Apple's Core ML and machine vision frameworks to track students facial reactions in real time. Developed as part of a team at QHack 18. (devpost.com/software/flatline)

Technologies: Swift, Xcode, ARKit, CoreML, Vision, HTML / CSS, Firebase

Sway (Hackathon) Chrome Extension / Twitter Bot

Utilized latest machine learning techniques to score the credibility and bias of online articles to provide truth to power in the age of information galore. Created a Chrome Extension as well as scrapped facebook and news articles to help train our model. Developed as part of a team at YHack 2018. (devpost.com/software/sway)

Technologies: Python, TensorFlow, HTML/CSS, Beautiful Soup, Node.JS

AWARDS

Scotiabank Best use of AI / Machine Learning tools at QHack 2018.
Enlight Startup Hackference Finalist
Apple World Wide Developer Conference 2016, 2017, and 2018 Scholarship Recipient