KYLE LANE

📞 (416) 427 8589
✉ kalane@edu.uwaterloo.ca
in www.linkedin.com/in/kylealexlane

VISIT ME!

🌐 kylealexlane.github.io/website
○ https://github.com/kylealexlane/

LANGUAGES/FRAMEWORKS

React ~ React-Native ~ Redux ~ Javascript ~ C++ ~ PHP
HTML ~ CSS ~ AWS ~ SQL ~ Excel VBA ~ MATLAB

DESIGN

Photoshop ~ InDesign ~ Sketch
User-Centered Design

EDUCATION

Systems Design Engineering

BASc Candidate ~ University of Waterloo

Pursuing Intelligent Systems Option and Economics minor

INTERESTS

Hockey

Competitive AAA ~ 2005-2015
Captain ~ 2011-2015

Sports Analytics

Researching statistics that organizations use to gain competitive advantages

Mountain Biking

Organizing weekly rides and challenges

COURSES

The Complete React Native and Redux Course

React-Native ~ Udemy

Digital Computation

C++ ~ Waterloo

Machine Learning

ML ~ Coursera (Andrew Ng.)

Digital Systems

Arduino C/C++ ~ Waterloo

WORK EXPERIENCE

Full Stack Developer ~ Sprout at Work

Toronto, Ontario ~ 01/2018 - 04/2018

- Owned development of key customer facing features including activity tracking and Apple Health Kit integration for Sprout's flagship new cross-platform mobile app being shipped to over 4 million users
- Implemented RESTful APIs in PHP (CodeIgnitor) while working in MySQL and utilizing AWS to produce test driven back-end development
- Architected core features in React-Native and Redux including a full base component library, on-boarding flow, and dashboard

Engineering Assistant ~ R.J. Burnside

Orangeville, Ontario ~ 05/2017 - 09/2017

- Proposed the development of a web application to improve organization and productivity within the First Nation Communities
- Designed and developed features including task tracking with Google Calendar integration and a user management system using HTML, CSS, PHP, JS and MySQL
- Implemented Excel VBA scripts saving employees over 3 hours per week

PROJECTS

DeepStats ~ React-Native

- Developing and designing a React-Native app that presents detailed NBA statistics which cannot be found on any leading sports apps or mobile sites
- Core functionality currently includes live in-depth game scores, comprehensive player stat pages, and standings which present more analytics than all other leading sports apps (TheScore, SportsNet, mobile NBA.com...)
- Releasing to Apple/Google Play store late June with ambitions to develop new player performance predictions (ML/ Neural nets) later this summer

Happy Hip ~ Arduino C/C++

- Developed an activity tracker that counts steps, movement type, and time sitting which is under $8 to promote active lifestyles in students

Midnight Sun Design Team ~ C/C++

- Member of embedded team working on solar powered car systems