# NICHOLAS LEWANOWICZ

#### **Software Engineer**

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  - Ottawa, ON, Canada
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- NickLewanowicz

# **EXPERIENCE**

# Front-End Developer

**Shopify** 

## 09/2018 - Present

Ottawa, ON

- Design and implement new user flows and features related to payments on the Shopify platform
- Interact with a GraphQL API with a React Frontend using TypeScript
- Responsible for creating robust and resilient code and accompanying test-suites ready for production

## Full-Stack Developer

#### **Accedian**

**1** 01/2018 - 09/2018

Ottawa, ON

- Design and implement efficient Artificial Intelligent algorithm to provide meaningful data with Go in a docker environment
- Implementation of intuitive UI solutions for navigation of complex data analytics and modern UI design
- Create appealing intuitive visualizations for big data applications

## Front-End Developer

#### Ciena

**#** 05/2017 - 01/2018

- Ottawa, ON
- Used D3 to implement visualizations of complex kernel density estimates and random forest machine learning models
- Training new interns with the development environment and ensuring effective task completion
- Designed and documented JSON API compliant RESTful api's

## Software Developer

#### Versaterm

**1** 05/2017 - 09/2017

Ottawa, ON

- Integrated bleeding edge web frameworks into existing C# and .NET stack to elevate the user experience of the application
- Integration of UI features into mature legacy codebases
- Designed api layer between the UI and SQL backend using JSON API

### Full-Stack Developer

#### Ciena

**#** 09/2016 - 05/2017

Ottawa, ON

- Developed a full stack internal application to manage use of internal dependencies company wide using NodeJS, EmberJS, and MongoDB
- Aid in the upgrading and implementation of new UI components and features to leverage ES6 improvements and features
- Integrate new component features into existing company products

## PERSONAL PROJECTS

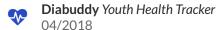


**Kickit** Project Management Tool 05/2018 - Present

- Designed and implemented a functioning web app and backend with user auth
- Setup CI automation and process for documentation
- Built a Node backend with HapiJS using a GraphQL API
- Technologies: React, javascript, Node, Apollo

# uSober ML Impairment Prediction 011/2018

- Won Best Machine Learning Hack at ECH 2018
- Progressive web app using machine learning to identify cognitively impaired drivers



- Won Shopify Mentorship Prize at Hacking Health 2018
- Web app for parents and physicians to receive live updates based on child events



**Trendify** Websocket Based App 04/2018

- Placed Top 5 Hacks at CUHacking 2018
- Websocket based multiplayer competitive game using Socket.io and Google Trends

# **STRENGTHS**

Javascript Typescript React

Ember.js Docker Data Visualization

Software Architecture

## **EDUCATION**

# B.A. in Computer Science Honours Carleton University, Ottawa

## Fall 2013 - Present

- Specializing in Software Engineering
- Pursuing a double major in Psychology aswell as C.S.
- Primary interest for Honours Thesis/Project is efficiency of Data Visualization in VR/AR