

Nicholas Lewanowicz

Software Developer

Im a passionate and driven developer with over 2 years of professional frontend and full-stack work experience. Completing a B.C.S Honours Degree specializing in Software Engineering.

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WORK EXPERIENCE

Full-Stack Developer Accedian

01/2018 – Present Ottawa, Canada

Software devision for Raw Network Analytics Visualization

Achievements

- 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 datasets using D3 and modern UI design
- Create appealing intuitive visualizations for big data applications

Frontend Developer Ciena

05/2017 – 01/2018 Ottawa, Canada

Primary Frontend Developer of a Machine Learning Network Health Predictor

Achievements

- 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
- Worked with backend to create an efficient JSON API structure

Software Developer Versaterm

05/2017 – 09/2017 Ottawa, Canada

Emergency Vehicle Dispatch Software

Achievements

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

Frontend Developer Ciena

09/2016 – 05/2017 Ottawa, Canada

Development of leading Open Source Web Component Library

Achievements

- 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

EDUCATION

B.C.S Honors with Software Engineering Carleton University

09/2013 – Present Ottawa, Canada 9.3 GPA

SKILLS

Web Design

Software Development

Ember.js

Data Visualization

AI

React Native

Golang

Docker

PERSONAL PROJECTS

Diabuddy (04/2018)

- Won Shopify Mentorship Prize at Hacking Health 2018
- iOS App for diabetic youth to track health metrics
- Web app for parents and physicians to receive live updates based on child events

Trendify (04/2018)

- Used a open source api to build a websocket based multiplayer competitive game
- Designed, implemented, and deployed a iOS application, web UI, and full express backend
- Technologies used: JS, handlebars, EmberJS, Swift, Socket.io

ParkSpace (09/2017 – 12/2017)

- Designed and implemented a functioning iOS app and backend to allow user registration/authentication
- Use serverless backend for users to host parking spaces
- Use of StripeAPI for users to rent parking spaces using the service
- Technologies used: Firebase, javascript, stripe, swift

Typ3 (10/2017)

- Development of toolset that lets you instantiate fully-typed, promise-based contracts, nodes, and filters
- Technologies used: Typescript, JSON ABI, Solidity

ACHIEVEMENTS

G. Robertson Scholarship (09/2013 – Present)

Awarded G. Robertson Scholarship for academic excellence.

INTERESTS

Video Games

Hiking

Hackathons

Bouldering

Computer Enthusiast