

DECLAN GONCALVES

SOFTWARE ENGINEER

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SKILLSET

Languages

C++

C#

Java

JavaScript

TypeScript

HTML5 / XHTML

CSS3

XAML / XML

Frameworks

Angular2

Node.js (express)

PostgreSQL

NoSQL (firebase)

jQuery

Bootstrap

.NET (WPF)

React Native

Docker

Android

Methodologies

MVC / MVVM

Object Oriented-

Programming

REST

EDUCATION

Bachelor of Software Engineering

EXPECTED GRADUATION - 2020

University of Waterloo, ON

Relevant Courses: Data Structures and Data Management, Digital Computation, Data Abstraction and Implementation, Logic and Computation, Human Factors in Design, Digital Computers, Statistics for Software Engineering, Software Engineering Principles, Advanced Mathematics for Software Engineers

WORK EXPERIENCE

Software Engineering Intern

AUGUST 2016 – JANUARY 2017

Whut Inc. (Outstanding Evaluation)

- Lead role on software development team, creating sales platform using Angular2, HTML5, CSS3, JavaScript, Node.js and PostgreSQL
- Built and implemented application back-end using Node.js, Express.js, and Docker
- Constructed and managed PostgreSQL database, ensuring technical and functional designs met business requirements
- Involved in strategizing product design with product, engineering, and business managers

Co-Founder and Lead Software Engineer

OCTOBER 2016 - PRESENT

NeuroGate

- Created medical diagnostics software which leverages machine learning to detect early symptoms of Parkinson's disease and ALS
- Microsoft ImagineCup Canada National Finalist (taking place May 27th, 2017)
- Responsible for product design, software design, and software engineering using C#, XAML, .NET, MVVM, and Microsoft Azure

Web Design / Development Intern

JANUARY 2016 – APRIL 2016

Veriday (Outstanding Evaluation)

- Designed and built over 100 websites using HTML5, CSS3 & JavaScript
- Recognized for implementing modern design features which were then highly requested for by clients

RECENT PROJECTS

Arrow AI

OCTOBER 2016

HackHarvard Hackathon Project – Microsoft Prize Winner

- Web application capable of diagnosing Huntington's disease using LeapMotion
- Responsible for software design and development using HTML, CSS, JavaScript, jQuery, and Node.js

Stubblet

OCTOBER 2016 – JANUARY 2017

Student Subletting Platform – Web Application

- Platform for university students to post and find subletting
- Responsible for product/software design, project management, and software development using Angular2, JavaScript, Node.js, and Google's Firebase platform