

# MIKE STUPICH

## Junior Developer

 [mike-stupich.github.io](http://mike-stupich.github.io)

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## EXPERIENCE

### Web Applications Developer

#### Canada Revenue Agency

 May 2017 - September 2017

 Ottawa, ON

- Created and maintained new intranet webpages following accessibility guidelines
- Unit tested Java web apps using Struts 2

### Web Developer

#### Health Agency of Canada

 May 2016 - April 2017

 Ottawa, ON

- Redesigned infographic pages into more user-friendly and accessible webpages
- Developed and maintained webpages created in ASP.net

## PERSONAL PROJECTS

### Typ3

#### Web3.js Replacement (Typescript, Solidity)

 October 2017

- Participated in the ETHWaterloo hackathon where I participated in the development of a Typescript implementation of Web3.js
- Created a command line tool to convert a Smart Contract to a strongly typed file, to allow for type inferencing for easier development
- Created a tool to replace web3 for interacting with an Ethereum node via wrapped rpc-calls

### Depth to LS

#### UNIX extension to CoreUtils (C, Kernel)

 November 2016

- Added depth augmentation to LS command in any UNIX based OS to display file tree of CWD
- Extension called using `ls -M`
- Ability to specify depth degree using `ls -M --depth=4`

### Lottery DApp

#### Website (React-Redux, Solidity)

 September 2017 - Present

- Working on a DApp on the Ethereum blockchain which allow users to buy tickets to enter a lottery to win Ether
- Creating a front-end with React-redux which interacts with Ethereum smart contracts to issue tickets and award winnings

### Personal Website

#### Public website (AngularJS)

 October 2016

- Publicly available at [http://mike-stupich.github.io/](http://mike-stupich.github.io)
- Designed and built from the ground up and hosted using Github Pages
- Learned and used AngularJS to build a personal website

## EDUCATION

Bachelor of Computer Science,  
Computer and Network Security  
Stream

**Carleton University, 4<sup>th</sup> year standing**

 September 2014 - Present

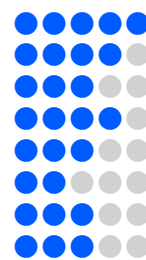
- Received Entrance Scholarship
- Expected Graduation: April 2018
- Transcript available upon request

## AVAILABILITY

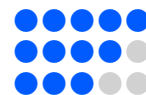
 January 2018

## SKILLS

Typescript  
React  
Redux  
Solidity  
Java (Android)  
Swift (iOS)  
Python  
AngularJS



Node.js  
Firebase  
UI/UX Design



## TECHNOLOGY

Git Version Control   Visual Studio Code  
VIM   MongoDB  
Microsoft SQL Server

## STRENGTHS

Hard-working   Motivated  
Eager to learn   Leadership

Object-Oriented Programming  
Functional Programming   MVC  
Documentation

## LANGUAGES

English  
French

