

# Ilker Hadzhalaran

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## Skills

### Languages

C++, C#, JavaScript, TypeScript,  
PHP, HTML, CSS, VB.NET,  
MongoDB, MySQL, JSON

### Libraries, Frameworks, Etc.

Angular 7, Angular Material, RxJS  
6, Bootstrap, jQuery, NodeJS,  
ExpressJS, Mongoose, Firebase,  
RESTful API Architecture

### Tools

Visual Studio, NPM, VirtualBox,  
Git, GitHub, GitLab, Bitbucket,  
Chrome DevTools, SourceTree

## Education

McMaster University  
Bachelor of Technology in  
Automation Engineering (Co-op)  
*Expected Dec, 2020 | Hamilton, ON*

## Other

Linux & Windows Environments  
Unity Game Engine  
CAD Software  
Creating WordPress Websites  
Microsoft Office & G Suite  
Possess G License

## Experience

### **Software Developer Intern (4 month) • McMaster University Research Institute**

*May – Aug, 2020 | Hamilton, ON*

- Creating data visualization and analytics software for manufacturing machines
- Using FANUC MT-Linki platform and third party libraries
- Developing with Angular, HTML, CSS, and MT-Linki API to obtain data from MongoDB

### **Software Developer Intern (8 month) • Advanced Particle Tech.**

*Jan – Aug, 2019 | Waterloo, ON*

- Worked on developing a web application using Angular, NodeJS, HTML, CSS and MongoDB in a Linux environment.
- Worked with third-party libraries to create features (e.g. PDF viewer)
- Contributed to various types of documentation (e.g. SRS document)

### **Product Development Intern (4 + 8 month) • 3Dstream Inc**

*May – Aug, 2017 and Jan – Aug, 2018 | Hamilton, ON*

- Completed UI/UX design for parts of a workflow management software for manufacturers that use 3D printers
- Worked on HTML/CSS with frontend team
- Turned customers' needs into software specifications
- Created WordPress website and made HTML/CSS modifications

## Relevant University Courses

C++ Programming, Object-Oriented Programming, Internet Technologies & Databases, Quality Control and Assurance Methods, Embedded Systems, Statistics, System Specification and Design (Master's level)

## Personal Projects (More On GitHub)

### **QuickPass Password Manager** | [quickpass-app.com](https://github.com/quickpass-app)

- Designed and developed fully responsive Angular-Firebase web app.

### **Coral Catastrophe Unity Game** | [vimeo.com/381808251](https://vimeo.com/381808251)

- Player is a fish that wants to avoid swimming into oncoming coral.

**Video walkthroughs of 8 projects at [vimeo.com/channels/1525169](https://vimeo.com/channels/1525169)**