

# Jesse-Daniel Belleau-Karaskewich

## EDUCATION

2015 – 2019 **Honours Computer Science**  
BACHELOR OF SCIENCE  
*Brock University*  
Major Average – 92

## TECHNICAL SKILLS

LANGUAGES Python, Java, C++, SQL, HTML, CSS, Typescript, Javascript, C#

TOOLS Git, Github, Bitbucket, JIRA, Bamboo, Word, Excel, SQL Server Management Studio, Internet Information Services

FRAMEWORKS Angular, Flask, Unity

## EVENTS

COMPETITIONS ACM ICPC (2015, 2016, 2017), CS Games (2017)

HACKATHONS Next Great Innovator (2017), BDAR Housing Hack (2017), Hack Princeton (Fall 2017), Gift the Code (2017)

CLUBS Brock Computer Science Club Executive

## WORK EXPERIENCE

JANUARY 2017 – PRESENT

### Junior Full Stack Developer

*Hydro One Networks Incorporated*

Maintain many .NET and Angular applications. Setup python and .NET back-ends in Microsoft IIS. Administer and maintain Microsoft SQL databases. Retrieve/Manipulate data from large RDBMS. Create, revise, and explore user documentation. Practice agile methods using Atlassian tools.

MARCH 2009 – SEPTEMBER 2013

### Martial Arts Instructor

*Canterbury Taekwondo*

Attained World Taekwondo Federation Black Belt. Create dynamic lesson plans suitable for all ages. Teach classes at all levels in multiple martial arts. Manage and organize junior instructors. Open and close the facility on a regular schedule. Process payments for tests and merchandise.

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## PROJECTS

OCTOBER 2017

### BARE Essentials

BDAR HOUSING HACK - WINNING PROJECT

[github.com/Jesse-longname/bdar-housing-hack](https://github.com/Jesse-longname/bdar-housing-hack)

Progressive Web Application to present ways that allow housing to be more affordable in the Barrie and District Area.

Potential first time homeowners are presented with alternative income streams that would come from owning a house, and can use these to increase their budget. Users can then view houses that are within their new budget.

NOVEMBER 2017

### Kids Help Phone Dashboard

GIFT THE CODE - WINNING PROJECT

[github.com/Jesse-longname/gtc17](https://github.com/Jesse-longname/gtc17)

Dashboard built using Angular to promote performance enhancing metrics among staff at Kids Help Phone.

The Dashboard is intended for counsellors to see the breadth of the impact they are providing to the community. This in turn helps them stay motivated and continue to improve their counselling ability.

As well, there is a social component for staff to share experiences and receive advice/comments from fellow counsellors.

NOVEMBER 2017

### MySight

HACK PRINCETON - WINNING PROJECT

[github.com/Jesse-longname/HackPrinceton2017](https://github.com/Jesse-longname/HackPrinceton2017)

Vision testing software built in Unity intended for use with Google Cardboard. Has a companion website to display information based on your results. Considering vision can deteriorate quickly, it is important to stay up to date with your visual health. Four tests were developed to test different aspects of your vision: Colour, Acuity, Depth Perception, and Field Mapping. This offers a cheap and entertaining alternative to conventional tests.