

# Karlo Delalic

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## SKILLS

### PROGRAMMING

Experienced:

Java • Javascript • HTML  
CSS • ReactJS

Familiar:

Python •  $\text{\LaTeX}$  • DB2  
NASM • NodeJS • Bash

## EDUCATION

### MCMASTER UNIVERSITY

#### SOFTWARE ENGINEERING

Expected Apr 2019 | Hamilton, ON

## COURSEWORK

Data Structures and Algorithms  
Programming Principles  
Concurrent System Design  
Databases  
Binding Theory to Practice  
Project Management  
Requirements and Security  
Considerations

## LINKS

Github:// [kdelalic](#)  
LinkedIn:// [kdelalic](#)  
Personal:// [karlodelalic.com](#)

## AWARDS

### LEVEL 2 ENTRANCE SCHOLARSHIP

McMaster University | 2014

### ONTARIO SCHOLAR

St. Marcellinus SS | 2014

## HACKATHONS

YHack | 2016  
DeltaHacks III | 2017  
SpartaHack | 2017

## HOBBIES

Hackathons  
Weight lifting & Cardio  
Billiards  
PC Gaming  
Web App Development

## EXPERIENCE

### DELTA ALUMINUM | WEB DEVELOPER

June 2013 – May 2017 | Toronto, ON

- Designed and developed website using Bootstrap.
- Performed regular maintenance of website and server.
- Assisted co-workers with technical support.
- Worked with owner to design an engaging website.

### PHASEONE | WEB DEVELOPER

July 2016 – Jan 2017 | Hamilton, ON

- Led a team of developers at McMaster University's largest tech organization.
- Collaborated with the marketing department to design effective websites for PhaseOne and its projects.
- Designed an effective DeltaHacks website for applications and communication to participants.

### BELL TECHNICAL SOLUTIONS | TECHNICIAN

May 2016 – Aug 2016 | Toronto, ON

- Provided installation, maintenance, and repair of copper-based telecommunications products and services.
- Troubleshoot complex telecommunications products and systems.
- Acted as an ambassador by professionally representing the Bell brand.

## PROJECTS

### SHUFFLE | REACTJS WEB APP

Nov 2017

- Shuffle is a redevelopment of an open source YouTube shuffling app using software engineering principles and design philosophy.
- It generates personalized music YouTube playlists based on the user's input and preferences. It is meant to be an alternative to mainstream streaming services.
- It utilizes ReactJS in order to maintain a smooth user experience. It calls the YouTube API based on the user's settings to provide the desired output.

### LEO D PHOTOGRAPHY | BOOTSTRAP PORTFOLIO

Aug 2017

- Leodphotography.com is a photography portfolio made to showcase the photographer's work and skills.
- Several JS libraries are used in order to provide an engaging experience on the website.
- Emails and forms are collected from the website in order to market the photographer and his work.

### PIECE OF MIND | JAVA EE WEB APP

Apr 2017

- Piece of Mind is a Java EE application built on Apache Tomcat that provides analytics on the attitudes of Twitter users as individuals and as a collective.
- Users of Piece of Mind have access to hundreds of thousands of nodes of precompiled Twitter data, in addition to having access to new data that is streamed live from the Twitter API.
- The ideal users of Piece of Mind are individuals looking to understand the sentiment trends of other individuals, or businesses and other public entities looking to gain insight on public opinion around a given topic.