

# Chirag Gada

<http://chiraggada.me> | <https://github.com/cgada>  
cgada@uwaterloo.ca | (519)580-6067

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## SKILLS

### LANGUAGES

Python • Javascript • Java  
Objective C • C/C++ • PHP

### FRAMEWORKS

Django • jQuery • Bootstrap  
Android • Angular.js • Haystack  
Tasty-Pie • PIL • Hack

### TOOLS

Git • AWS • Google Cloud

## VOLUNTEER

### TED x WATERLOO

TECH PRODUCTION ASSISTANT

### AMPED LEADERSHIP CONFERENCE

LOGISTICS IN CHARGE

### UWATERLOO OPEN HOUSE

SOFT ENG REPRESENTATIVE

### INTERNATIONAL STUDENT EXPERIENCE OFFICE

INTERNATIONAL PEER MENTOR

## EDUCATION

### UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF  
SOFTWARE ENGINEERING

Expected April 2017

## INTERESTS

STUDENT LEADERSHIP

QUIZZING / TRIVIA

HOCKEY

CRICKET

BASEBALL

## EXPERIENCE

### SNAPCHAT | SOFTWARE ENGINEERING INTERN

January 2016 - April 2016 | Los Angeles, CA

- Implemented functionality allowing customer support to restore lost snapstreaks
- Researched and developed video hosting platform integrating Google App Engine and Brightcove to serve videos to millions of users
- Improved new user retention and feature visibility by enabling iOS app to serve localized versions of tips and tricks videos

### FACEBOOK | PRODUCTION ENGINEERING INTERN

May 2015 - August 2015 | Menlo Park, CA

- Researched different Open Source WebRTC media servers with a focus on performance and scaling to millions of users
- Implemented a prototype using Kurento Media Server (KMS) proving 1.2s improvement in latency over the existing system
- Built KMS from source and configured it to run in the production environment

### HOU.RED | SOFTWARE ENGINEER

September 2014 - December 2014 | Kitchener, ON

- Designed and programmed the Android application and server communication using Google protobuf, Java and Django (Python)
- Implemented the search engine using Haystack with speed optimization for abstract queries
- Developed infrastructure to maintain and operate a call centre for reintegrating data into internal system

### COMPUTER SCIENCE COMPUTING FACILITY | WEB DEVELOPER

January 2014 - April 2014 | Waterloo, ON

- Developed online professor evaluation tool to replace existing scantron based evaluations using Django (Python) ([evaluate.uwaterloo.ca](http://evaluate.uwaterloo.ca))
- Increased student feedback to evaluations by 10% during a faculty wide beta release

## PROJECTS

### ANITOR

- Anime aggregator for all ongoing active animes
- Features include subscription for updates based on release group (fansub) and video resolution
- Implemented all frontend behaviour including backend integration using Javascript, Django (Python) and MySQL

## OTHER EXPERIENCE

### HOUSING AND RESIDENCE | RESIDENCE LIFE DON

May 2014 - Present | Waterloo, ON

- Supervised a diverse community of 45 undergraduate and graduate students in the University residences
- Assisted residents to adapt to residence life and offered advice, when asked, with reference to personal, social and academic concerns