

Chirag Gada

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SKILLS

LANGUAGES

Python • Javascript • Java
PHP • C/C++ • HTML & CSS

FRAMEWORKS

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

TOOLS

Git • Mercurial • Unix

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

EXPERIENCE

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 center 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)
- Increased student feedback to evaluations by 10% during a faculty wide beta release
- Made an Android hardware tracking application which scanned barcodes and updated the internal inventory

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

PARTNERMINE

- Application to ease the process of finding lab partners for courses.
- Implemented using Ruby on Rails with templating using HAML and SCSS.

OTHER EXPERIENCE

HOUSING AND RESIDENCE | RESIDENCE LIFE DON

May 2014 - Present | Waterloo, ON

- Supervised a diverse residential community of 30 undergraduates and ensured all residents lived within the rules and regulations set out in the Residence Contract
- Assisted residents to adapt to residence life and offered advice, when asked, with reference to personal, social and academic concerns