

David Chang



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TECHNICAL SKILLS

Languages

Python, Java, C++, C, Ruby

Web & Design

HTML, CSS, JavaScript
NodeJS, AngularJS, jQuery

Tools

Git, SQL, Bash
Linux, MacOS

EXPERIENCE

Reputation

Redwood City, California

- Currently doing an internship for four months

Metanautix

Palo Alto, California

- Full Stack Developer responsible for the implementation of product features using Angular, JavaScript, HTML, CSS, and Java
- Created a new widget to help users intuitively perform fuzzy joins
- Made optimizations to the fuzzy join pipeline to reduce overhead from 20s down to milliseconds
- Implemented the concept of elevated privileges for our web application
- Served as the technical lead on Analytics for our consumer and enterprise product

LoyaltyOne

Toronto, Ontario

- Java Developer responsible for the implementation of marketing automation solutions
- Integrated a file parsing script to automate uploading marketing assets with the corporation's existing API

CTi (Canadian Tire Innovations)

Waterloo, Ontario

- Full Stack Developer responsible for the implementation of mobile web applications using JavaScript, HTML, CSS, and PhoneGap
- Used Agile Software Development methods to push robust applications within tight deadlines

Eloqua (Oracle)

Toronto, Ontario

- Ruby Scripter responsible for the implementation of scripts for test automation
- Developed a Ruby on Rails application for the internal team to help create valid test assets for the product

Software Engineer

Sept 2015 – Present

Software Engineer

Jan 2015 – May 2015

Java Engineer

May 2014 – Aug 2014

Software Engineer

Sept 2013 – Dec 2013

Automation Engineer

Jan 2013 – May 2013

PROJECTS

Reddit Bot

Created a reddit bot for the University of Waterloo subreddit that provides relevant information upon request

STIM

Smart TV Integrated with Myo, a hackathon project made at Hack the North to turn any regular TV into a smart TV controlled seamlessly with gestures

Idea Hub

Hacked a social media platform for savvy University students to contribute ideas, look for resources, and innovate at a Facebook Hackathon

Study Pet

Made a mobile web application to help users study by providing them an incentive to turn off distractions

EDUCATION

Candidate for Bachelors of Computer Science

University of Waterloo

Sept 2011 – Aug 2016