Marc Mailhot

Student Developer - University of Waterloo Computer Science

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Experience

Kik Interactive   Web Developer (Co-op), Jan 2016 - Apr 2016

- Optimized a high volume messaging system in Python, leading to a 25% drop in request latency
- Was the primary designer and developer of an unannounced user facing server
- Designed, wrote and documented an upcoming open source Python SDK for our API platform

Kik Interactive   Web Developer (Co-op), Apr 2015 - Aug 2015

- Reengineerd core server side Python code handling >10M daily messages
- Built infrastructure for the handling of image and video content in a high-volume environment on the Google Cloud Platform

Westcott Vineyards   Sytems Administrator, Apr 2013 - Jun 2014

- Directed the implementation of IT systems for an upstart winery
- Selected and deployed communications and POS systems

Projects

Newsmash   2015

- Implemented a Clojure web app and Chrome extension to provide groups of articles on the same topic through text analysis
- Designed a easy to use, visually appealing web interface
- Winner, IBM Prize, UofT Hacks 2015
- Winner, Intel Mashery Prize, UofT Hacks 2015

Parrot   2014

- Designed and implemented a voice-controlled, hands-free email interface
- Developed the code interfacing with and connect the Wit.ai and Gmail APIs
- Runner Up, Wit.ai Prize, Hack the North 2014

Education

University of Waterloo
Candidate for Bachelor of Computer Science, Sept 2014 - Present

- 4.0 Cumulative GPA
- 100% grade in two advanced level CS courses

About

Backend-focused full stack developer, with a special interest in programming languages, functional programming, reactive programming, systems architecture, and natural language processing. Currently a 2B Computer Science student at the University of Waterloo and seeking a 4 month internship beginning in September 2016.

Skills

Languages

Python, Clojure, Haskell, HTML5, Javascript, D, Nix, CSS, SASS, C#, Dart, Haskell, Racket, Java

Technologies

webapp2, Google Cloud Platform, Flask, PostgreSQL, Om, Angular, mongoDB, Android, Docker, Node.js, Linux, Git, NixOS