A A R O N   M O R A I S

Software Engineering | (416) 846-0453 | morais.aaron@gmail.com

SKILLS SUMMARY

- Web Development - HTML5, CSS3, Javascript, JQuery, Backbone, Node.js, SQL
- Application Development - Java, C/C++, OpenCV, ActionScript, Objective-C, Google App Engine
- Tools - Vim, Git, Mercurial, UNIX, Bash

EXPERIENCE

Genesys Laboratories - Mobile Development Intern   May 2012 - Aug 2012
- Developed HTML5 web applications targeted at mobile platforms
  - Designed and developed HTML5 prototype of next generation contact database application
- Worked on team developing the front-end of the Genesys SaaS Call Centre Solution
  - Used Node.js and Backbone framework to modularly develop the web interface
  - Created a reporting dashboard prototype with the d3.js graphing library and a RESTful call centre statistic simulator

Google Computer Science Summer Institute - Participant   July 2011 - Aug 2011
- Skilled in using Google's App Engine to develop websites
  - Utilized HTML/CSS to create front-end design. Used Django and Python with App Engine for back-end management
- Worked as a team to develop "StudyCat" a collaborative notetaking web application
  - Followed project design process - Brainstorming, User interface design, Collaborative programming, Debugging, User testing

Ministry of Government Services - Desktop Support Assistant   June 2010 - Aug 2010
- Troubleshooted operating system and application issues for clients in person, via telephone and other remote tools
- Fixed hardware and software problems through reimaging, hardware replacement, malicious software removal and data backup and retrieval

PROJECTS

University of Waterloo Robotics Team - Autonomous Rover - Vision Team Lead   Sept 2011 - Present
- Utilized Robot Operating System and Open Computer Vision libraries
- Rover autonomously navigates a race track with obstacles, stop signs and traffic lights
- Competing in the International Autonomous Robot Racing Competition in July 2013

Tap A Studio - Senior Developer and Founder
- iOS Game Development - Working with a team to complete the production of an arcade & action game

Blackberry Application Development
- Two Apps Published in App Store - Mark Calculator and Rubik's Cube Timer

EDUCATION

University of Waterloo - Bachelor of Software Engineering   Sept 2011 – Present

ACHIEVEMENTS

- Taekwondo - Black Belt First Dan
- 2011 St. Robert Catholic High School - Computer Studies Award - Highest Mark in School (95%)
- 2011 Google Games First Place - Competed against other teams in a series of brainteasers and puzzles