Kristine Tomlinson

262 Ranee Ave., North York, ON, M6A 1N6
(613) 329-6568
kristine.tomlinson@gmail.com
<> kristinetomlinson.com <> github.com/kilowattkris <>

SUMMARY

- Web application developer with almost 3 years of professional experience
- Primarily focused on front end engineering, but interested in all aspects of web development
- Writes reliable, efficient, and flexible code to create beautiful cross-platform, user-friendly products
- Always striving to expand skills through work and personal projects

SKILL HIGHLIGHTS

Technologies: *React JS,* Knockout JS, Django, Webpack, Styled-Components, Bootstrap

Languages: Javascript, CSS, HTML, Python

EXPERIENCE

ELL Technologies Limited - Toronto, ON *- Front End Developer*

Aug 2016 - Present

- Building a new Learning Management System (LMS) to host our eLearning products - involves extensive planning, research, and coordination with interdisciplinary team members (design, management)
  - > *Backend: Django/Django REST API framework, PostgreSQL*
  - > *Front end: React JS, React Native, Styled-Components, Sass, Webpack, Electron*
- Improving the content editing interface to be more user-friendly and customizable per client
- Refactoring old products to better accommodate the unforeseen features requested by clients
- Helping to manage the AWS servers hosting our products
- Using BitBucket, Confluence, and JIRA, to manage projects requirements, track progress, and delegate tasks

ELL Technologies Limited - Toronto, ON *- Junior Front End Developer*

Dec 2014 - Aug 2016

- Worked with four other developers to build interactive web applications for learning different languages
  - > *Front end: Knockout JS, jQuery, Bootstrap, with help from many other smaller open source libraries*
- Built a custom JavaScript framework that loads lesson content (stored as a JSON object) into an eLearning platform and records its users' progress
- Focused on creating a product for children involving many automated animations and extensive audio/visual feedback
- Assisted in building the editing interface that allows content editors to build the lesson content
- Created a variety of exercise types (fill-in-the-blank, drag and drop, multiple choice) to enhance the student's learning experience

- Ensured the eLearning products were SCORM compliant, and capable of localization
- Managed the project using Git

Teck Coal Limited - Elkford, BC *- Electrical Engineering Intern*

May 2012 - Jul 2013

- Worked on a variety of projects in a number of different roles (supervisor/project lead, team member, assistant)
- Projects encompassed a broad spectrum of the Electrical Engineering field (power distribution, electronics and communication & controls)
- Performed technical calculations (load, power factor, efficiency) to assist with new electrical designs, and ensured the installations abided by the Canadian Electrical Code

EDUCATION

Queen's University - Kingston, ON *- BSCE, Electrical Engineering*

Sep 2007 - May 2014

- Achieved a 3.89 GPA in my final year
- Completed a year of Chemical Engineering before switching to Electrical Engineering
- Took a year off between second and third year to explore my interests in travelling and snowboarding, and another year off between third and fourth year to do an Electrical Engineering Internship through the Queen's Undergraduate Internship Program (QUIP)
- Won 2nd place in the 4th year design project challenge along with my two teammates. The project was titled "A Sensory Framework for Balanced Posture". This project involved developing a system that gives feedback on a user's balance and posture using the Microsoft Kinect for Windows and Wii Balance Board as input sensors. My specific roles were doing the background medical research, developing the mathematical algorithms to analyze posture and balance, implementing the algorithms in code (C#) and creating the user interface in the form of a game using Unity3D

OTHER EXPERIENCES/COMMUNITY INVOLVEMENT

- Member of a few tech groups in Toronto and attend/volunteer at some of their events (Women Who Code, Hackernest, Coffee & Code)
- Volunteered in the Computer Vision Lab at Queen's University - helped set up a linux computer and worked with PCL (Point Cloud Library)
- Worked as a TA for the "Introduction to Computer Science" course (the first year engineering computing course) at Queen's for 3 years, and ran voluntary tutorials to help students who were struggling
- Volunteered as a snowboard instructor at the Wapiti Ski Club in Elkford for the winter of 2012-2013, and also helped teach some Girl's Ride Days (a girl-specific snowboard program) at Fernie Alpine Resort
- Spare time is filled with snowboarding, wakeboarding, rock climbing, biking, drawing, photo taking, café hopping, and last but certainly not least, friends and family