

Objective

Searching for new opportunities in novel fields, and to grow my user experience design skillset for my sixth and final work term.

Experience

User Experience Designer

Sept - Dec 2013

Intelligent Mechatronics Systems - Waterloo, ON

- Researched and performed user case analyses to improve the DriveSync Android App for all customers
- Designed, improved, and developed Android fragments and layouts
- Created and integrated Adobe Photoshop and Premiere Pro elements into the project

iOS Mobile Developer

Jan - Apr 2013

Ash City Worldwide, Richmond Hill, ON

- Independently developed the iOS Ash City App from start to finish
- Worked with clients to optimize user interface, designed with Photoshop and Illustrator
- Planned and managed the development lifecycle, conducting user research and ensuring the app followed best practices

Web Content Developer

May - Aug 2012

Raymond James Ltd., Toronto, ON

- Redesigned the intranet site using HTML5, CSS3, JS, Photoshop and Flash
- Created and updated content for the public Raymond James webpage, impacting hundreds of daily users
- Worked with multiple advisors directly and ensured they were satisfied with projects

Business Special Project Assistant

Sept - Dec 2011

York Region Municipality, Newmarket, ON

- Developed an intuitive user feedback system that was implemented in senior assistance centres
- Improved bureaucratic workflows through redesign and simplifying complex information

Quality Assurance Analyst

Jan - Apr 2011

RamSoft Inc., Toronto, ON

- Designed and executed QA tests (test cases and formal reports) to maintain standards for medical software
- Updated servers which involved creating and editing database scripts in SQL

Skills

Quick and adaptive learner, eye for design and passion for technology

Product Design

Requirements gathering, user research, product lifecycle planning, agile development, prototyping, client demos

Technical and Software

Adobe Create Suite, JavaScript, Java, Objective C, C++, MATLAB, HTML5, CSS3, AutoCAD, MS Office

Projects

- Worked on an iOS fitness tracker that measured and processed data from a Texas Instruments sensor tool
- Developed and published an Android study tool
- Extended portfolio: behance.net/mrcharlie

Activities and Interests

Volunteer

EngSoc Class Rep for SYDE 2015 (2010-Present)
Orientation Director - First Year Website (2013)
Orientation Leader - Big and Huge (2012-Present)
Shadow Day Volunteer (2012)

Student Organizations

Co-op Storage - Graphics Designer (Present)
UW Dimensions - Design/Layout (2012 - Present)
BufferBox - UI/Web Design, and Team Lead (2012)

Recreation

Biking, Ultimate Frisbee, Volleyball, Soccer, League of Legends, Cinema

Education

Candidate for Bachelor of Applied Science, Honours Systems Design Engineering Co-op

2010 - Present

University of Waterloo, Waterloo, ON.

Relevant Projects and Courses:

- Designed and developed a health analytics tool
- Labs: Circuits Instrumentation and Measurement, Digital Systems, Graphics and Drafting
- Technical: Economics of Design, Human Factors in Design, Materials Chemistry, Systems Models, Probability and Statistics, Fluid Mechanics, Mechanics of Deformable Solids