MYLES TAN

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OBJECTIVE

Create solutions at the forefront of engineering and design to positively influence human behaviour and make the world a healthier place.

HIGHLIGHTS

Experienced in creating world-class enterprise and consumer wellness software.

Strong background in defining and developing product features from market research, user needs, and stakeholder requirements.

Proficient with native mobile and web development (objective-c, java, html/css, javascript, svn, git).

EDUCATION

University of Waterloo   Sep 2009 - Jun 2014 (expected)

Bachelor of Applied Science (BASc.) in Systems Design Engineering, Co-op

EXPERIENCE

Azumio - iOS Developer   Sep 2012 - Dec 2012

- Researched and developed the StandUp Test, a mobile fitness assessment which provides insight on the health of a user's heart from their physiological response to standing up.
- Implemented a *major visual redesign* and feature enhancements to their flagship application, Instant Heart Rate.

NexJ Systems - Product Manager (Health)   Jan 2012 - Apr 2012

- Participated in the strategic planning and design of NexJ's *Connected Wellness Platform*, generating high-level functional requirements and mockups.
- Designed diagnosis workflows, UIs, and forms for NexJ's *Transitional Care Management* solution, which discouraged cognitive biases and optimized information salience.
- Defined and prioritized *data presentation techniques* for patient metric graphs, as well as the quantitative measures used to define patient progress and goals.

Desire2Learn - Product Designer   May 2011 - Aug 2011

- Led the team's first-ever *analysis of de-personalized client data* to better understand product adoption and usage trends in industry, enabling more jusitified design decisions.
- Delivered *UI mock-ups and functional design specifications* that met strict technical limitations and accessibility requirements and oversaw their development.
- Adapted to working in a *tight-knit agile development team* through effective communication and adopting iterative design cycles to maximize productivity.

h4ckerfactory - Application Developer   Nov 2010 - Aug 2011

- Co-engineered a dynamic, XML-based survey application engine for Blackberry devices, delivering a *scalable solution* which eliminated the need to re-develop applications.
- Handled communication with the client on behalf of the BlackBerry team to *ensure the product met client needs* and project tasks were prioritized accordingly.

NexJ Systems - Product Management Analyst (Health)   Sep 2010 - Dec 2010

- Introduced a strategy for *integrating behaviour mechanics* into NexJ's Consumer Wellness Platform and presented my recommendations to the company's executive team.
- Presented a lunch and learn on *Disruptive Technology Marketing Strategy* and it's role in NexJ's business plan, fostering an understanding of high-level strategy within the organization.
- Executed extensive *competitive analysis* on consumer wellness applications in the North American market to enhance NexJ's product strategy.

PERSONAL PROJECTS

whatissystems.com   Feb 2012 - Present

A work-in-progress project aimed at defining Systems Design Engineering through a collection perspectives and experiences.

All Systems' Dough   Feb 2012 - Mar 2012

My first exploration of visual data presentation, and a quick glimpse into what factors affect co-op salaries.