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 better place.

HIGHLIGHTS

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

Strong background in designing web and mobile applications, with an emphasis on user experience and behavior change.

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

EXPERIENCE

Wellframe - Product Engineer
June 2014 - Present

- Architecting and building novel and complex features across our clinical dashboard and core infrastructure.
- Implementing and refining product development and design processes to increase the efficacy and accuracy of the product and engineering team.
- Responsibile for setting the product roadmap though quantitative anlaysis of usage data and product insight.

IBM - Extreme Blue Technical Intern
May 2013 - Aug 2013

- Worked on a fast-paced, 4-intern team to develop new technology for IBM's Social Media Analytics Group
- Implemented a proof-of-concept solution for improving business performance by delivering industry-driven benchmarking and analysis of a brand's Social Media presence.
- Designed and implemented the front-end workflow which emphazies interactivity and data visualization.

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
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.

EDUCATION

University of Waterloo
Sep 2009 - Jun 2014

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