

Nathan Yim

University of Waterloo · Systems Design Engineering
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Skills

- Excellent program management, analytical, and problem-solving skills
- Proficient in SQL, JavaScript, HTML/CSS, Java
- Well-versed in user-centered design theory and practices
- Motivated by new challenges, passionate about learning, highly attentive to detail

BAsc in Systems Design Engineering *University of Waterloo*

Class of 2016

- Dean's Honour List: Ranked 1/81, 1/74, 3/71 in 2A, 2B, and 3A classes respectively

Experience

Program Manager *Microsoft, Redmond WA*

Aug – Dec 2014

- Gained practical exposure to the Xbox Social & Live Services (SLS) data platform
- Designed product specifications and mockups; worked extensively with JavaScript, HTML5, and SCOPE
- Implemented user-facing web application (Game Tracker) and developer troubleshooting tool (StatsViewer), which was deployed as a sample Xbox One application with the Xbox Development Kit
- Created specialized inspection tool for 343 Industries; aided in shipping Halo: The Master Chief Collection
- Conducted feasibility study for new data platform feature; aggregated user data, applied statistical analysis, iteratively refined product vision, presented final recommendation

Software Design Engineer *A9.com, Palo Alto CA*

Jan – Apr 2014

- Formulated, optimized, and scheduled multiple Apache HiveQL jobs to provide daily metrics about Amazon Ad Exchange (AAX) and Advertising Content Awareness Platform (ACAP) performance
- Created data visualization tool for ACAP team using Greasemonkey and JavaScript
- Improved quality of ACAP service results and decreased the platform's memory consumption
- Measured impact of advertising experiments by performing statistical analyses on extensive AAX data

QA/SEIT *Zynga, Toronto ON*

Apr – Aug 2013

- Led quality assurance effort for a new project, created full testing strategy
- Reviewed functional requirements, specifications, and UI wireframes of new project
- Composed comprehensive test suites for various applications
- Tested numerous applications for iOS and Android, logged bugs via JIRA

Mobile Test Engineer *Xtreme Labs, Toronto ON*

Jan – Apr 2012

- Coordinated with team members in an Agile environment to identify bugs, suggest new features, and refine testing strategy across multiple platforms (iOS, Android, BlackBerry)
- Utilized HTML/PHP to improve functionality and usability of MySQL device database
- Automated comprehensive company-wide status emails with Google Apps Script

Awards

- First in Class Engineering Scholarship (x2), University of Waterloo Jan 2014
- President's International Experience Award (x2), University of Waterloo Sept 2014
- President's Scholarship of Distinction (admission average 95%+), University of Waterloo Sept 2010
- General Proficiency Award (second-highest graduating average), Oakridge Secondary School July 2010

Extras

- Participated in Amazon Search & Discovery 24hr Hackathon, implementing user-generated #hashtags for Amazon's product catalog March 2014
- Participating in international exchange program at the Chinese University of Hong Kong Jan – May 2015
- Currently developing Android application that heavily incorporates location-based services
- Enjoy keeping up-to-date with modern science and technology, organizing pick-up Ultimate Frisbee, board games, gaming, drawing, and photography