

# William Chen

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## CONTACT INFORMATION

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## EXPERIENCE

**Microsoft**, Bellevue, WA

*Software Engineer in Test*, AppEx, OSD

**Aug 2012 - present**

- Working on Application Experiences Common UX test team, where we own and test the common controls and features for all modern Bing apps (News, Weather, Travel, Finance, Sports, Health & Fitness, Food & Drinks) on Windows 8 and 8.1
- Successfully shipped six releases since Windows 8 RTM, with zero recall class bugs
- Create and execute test plans which encompass aspects like instrumentation, data fuzzing, integration, memory leak, accessibility, network bandwidth
- Drove initial efforts on building test app and automation tools
- Feature test owner for: entity cluster, test automation, instrumentation, live site, partner pano, ads
- Work impact: Our apps have an aggregate of 2.9M daily users with 52.1M daily sessions

*Software Engineer in Test Intern*, Bing Mobile, OSD

**May 2011 - Aug 2011**

- Implemented an end-to-end solution for automation testing on Blackberry and Android devices and emulators for Bing Mobile
- Leveraged existing solutions across teams and combining them for a more uniform approach

**Cisco**, San Jose, CA

*Choice Intern*, IOS Threat Defense Team, ARTG

**May 2010 - Aug 2010**

- Drafted and executed test cases for IOS security features such as SCM and FPM (signature- and statistical-based packet matching)
- Gained in-depth understanding of IPS/IDS, IOS CLI, Skype trafficking, packet matching

**Texas A&M University**, College Station, TX

*Student Technician*, Dept. of Mathematics

**Sept 2010 - Sept 2011**

- Performed Unix system administration (FreeBSD, CentOS, Mint, Debian) and help desk activities
- Wrote departmental management and survey tools
- Maintained student computer labs of 200+ machines

*Student Programs Web Developer*, Memorial Student Center

**Sept 2009 - Sept 2010**

- Web development support to the 19 MSCC Committees by providing programming and design support
- Provide design consultation services and recommendations to client (Committee members)
- Design and create a client-approved layout that works with the in-house template system

## EDUCATION

**Texas A&M University**, College Station, TX

**Aug 2008 - May 2012**

*B.S. in Computer Science, minor in Business*

*Overall GPA: 3.01      Major GPA: 3.38*

- Relevant coursework: Network Security, Info Storage & Retrieval, Cryptography, Computational Photography, AI, Computer Graphics
- Vice President of Texas A&M Computing Society, ACM Chapter
- Webmaster of Chinese Student Association

## ACHIEVEMENTS

**Seattle Startup Weekend**, Corki, 1<sup>st</sup>

2012

**Collegiate Cyber Defense Competition**, 3<sup>rd</sup> in Nationals, 1<sup>st</sup> in Southwest Regional

2012

**Collegiate Cyber Defense Competition**, 2<sup>nd</sup> in Nationals, 1<sup>st</sup> in Southwest Regional

2011

## SKILLS

- Extensive experience on configuring and troubleshooting Debian-based machines
- Knowledgeable in networking, security, web programming
- C++, C#, bash, Ruby, Python; Rails, Javascript; L<sup>A</sup>T<sub>E</sub>X, Cisco IOS