

William Chen

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: 2.9M daily active users and 52.1M daily active 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

- 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, 1st

2012

Collegiate Cyber Defense Competition, 3rd in Nationals, 1st in Southwest Regional

2012

Collegiate Cyber Defense Competition, 2nd in Nationals, 1st in Southwest Regional

2011

SKILLS

- Extensive experience on configuring and troubleshooting Debian-based machines
- Knowledgeable in networking, security, web programming
- C++; bash, Ruby, Python; Rails, Javascript; L^AT_EX, Cisco IOS