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 (AppEx) Common UX test team, where we develop the modern Bing apps (News, Weather, Travel, Finance, Sports) on Windows 8
- Driving initial efforts on building test app and automation tools
- Create and execute test plans which encompasses aspects like instrumentation, data fuzzing, integration, memory leak, accessibility, network bandwidth

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

Masergy Communications, Plano, TX

Network Operations Center (NOC) Intern **Feb 2008 - July 2008**
- Programmed a script that increased the productivity of upgrading MIBs by eightfold
- Initiated a database reorganization that allowed more accurate retrieval of customer info
- Opened and maintained trouble tickets for customer calls, network outages, etc.

EDUCATION

Texas A&M University, College Station, TX **Aug 2008 - May 2012**
B.S. in Computer Science, minor in Business
Overal GPA: 2.99   Major GPA: 3.37
- 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++, C#; bash, Ruby, Python; Rails, Javascript, MySQL; LaTeX, Cisco IOS