

Shan Yang

(360)608-6885 | yangshan722@hotmail.com | Seattle

Education:

University of Washington, Expected graduation: June 2016, Cumulative GPA: 3.93 / 4

Perusing Bachelor of **Computer Engineering**

Courses : Computer Programing I/II, Algorithm I/II, Data Abstractions, The Hardware/Software Interface, Hardware Design and Implementation, Systems Programming, Introduction to Data Management, Software Design and Implementation, Web Porgramming, Computer Networking

Work Experience:

- 6/2015-9/2015: **Software Development Engineer Intern at Bizible**: Convert current Azure Worker Role into a multiprocess worker. Migrate Worker from Auzre to AWS (C#)
 - 542 1st Ave S #400, Seattle, WA 98104
Tel: 1-800-913-2620
Supervisor: Peter Thompson
- 6/2014 – 8/2014: **Hardware & Software Development Engineer Intern at CheckSum**: Writing an automation package for EAGLE using its ULP (Java-like language)
 - 6120 195th St. NE Arlington, WA 98223
Tel: +1 360 435 5510 or US only: 1 877 CHECKSUM
Supervisor: Dan Carson

Teaching Assistant Experience:

- 9/2014 – 12/2014 & 4/2015 – 6/2015 & 9/15-NOW: **CSE351**: Hardware Software Interface
- 12/2014 – 3/2015: **CSE374**: Intermediate Programming Concepts and Tools

Research Experience:

- 11/2013 – 2/2015: **Research under the Sensor Systems Laboratory** with Prof. Joshua Smith
 - 12/2013—Now: **µSMU - High dynamic range micro-power measurements**(PCB design/ COM port GUI design and code/ embedded-C programming, etc)
- 11/2012-02/2013: UW Smart Grid Demonstration Project. Analyzing data from Smart Meters.

Projects:

- Song Organizer, Campus Map, Mini Search Engine, Client/Server communications, etc

Skills & Qualifications:

- **Programming Language:(Sort by proficiency)** :Java , C#, Javascript, PHP, C, C++, Perl, Verilog, VBA, Bash, Batch, Assembly
- **Database/ Cloud Services** : SQL, SQLite, SQL Server, Azure, JDBC,XML, XQuery, AWS related services
- **Other**: CSS, Matlab, Octave, Altium Designer, SPICE (and MultiSim), ALDEC Active-HDL, EAGLE

Volunteering experience & Honor & Conference:

- 11/2012: Volunteering at Pacific Science Center for the Life Sciences Research Weekend
- 09/2012-12/2012: “Dream Project” member at University of Washington.
- Dean’s list Win 13, Spr 13, Aut 13, Win 14, Spr14, Aut 14
- 2014 WiSE Annual Conference (Women in Science and Engineering)