

# Alexander Saladna

asaladna@smu.edu • 404 - 234- 6010 • 4205 Colgate Ave • Dallas, TX 75225

**OBJECTIVE:** To obtain an internship or co- op in the engineering industry.

**EDUCATION:** Southern Methodist University  
Bachelor of Science in Computer Engineering  
Minor in Chinese

May 2016

Beijing Normal University(北师大), Beijing, China (SMU Study Abroad Program) Summer 2013

**RELEVANT COURSES:** Differential Equations, Chinese (Beginner- Advanced), Digital Logic and Design  
Data Structures, Calculus I, II & III, Linear Algebra, Circuit Analysis, Introduction to Java, C++

**SKILLS:** Developed reading and writing skills in Chinese, C++, Visual Basic, Java, Shell Script, SQL, Mongo DB, Tanium, MS Windows, Excel, Word, Access, PowerPoint, Adobe Photoshop, Illustrator, Fireworks, Flash

## **ENGINEERING PROJECTS:**

**Warm, Hack DFW** (5th place)

Winter 2015

- Competed against 800 other students in a competition to design the best product in 24 hours.
- Worked with a team of engineers to design an app that communicated with an LED lamp that allowed the colors to react based on the current weather conditions all over the world.

**Engineering Design**, KNW 2300

Spring 2014

- Designed sensors for the robot to test water for salinity and turbidity.
- Collaborated with a team of 5 engineers to effectively produce a working design for a robot
- Coded in Java to collect data from the sensors and told the robot how to interpret it

## **EXPERIENCE:**

**Citi Group**, CATE Intern, Irving, TX

Summer 2014

- Worked on Mongo DB/Splunk and used SQL and NOSQL databases in order to better organize large amounts of data.
- Built sensors with Tanium using shell script and wrote several visual basic programs to organize random data produced by sensors.
- Trained the 7 members on my team how to use a new tool from CITI to better organize their workflow.

**SMU Abroad in China**, Beijing, China

Summer 2013

- Studied Mandarin Chinese and improved my writing skills in simplified Chinese.
- Attended speaking sessions with Chinese students at my college in order to improve my conversational Chinese

## **ACTIVITIES:**

**SMU Triathlon Club**, *President*

May 2014 – Present

- Elected to lead the Triathlon club's yearly operations with the goal of organizing, funding, and drawing attendance for races and practices.
- Coordinated with fellow officers to schedule club meetings and establish an overall direction for the club.

**SMU Student Senate**, *Lyle School of Engineering Senator*

Apr 2014 – Present

- Serve on the finance committee and help approve funds from part of a \$2 million dollar fund for organizations at SMU.
- Elected to act as a liaison between The Lyle School of Engineering and the student body.

**Dean's Student Advisory Board**, *Advisory Board Member*

Sept 2014 – Present

- Advise the Dean on issues that are important to students, provide student suggestions, reactions, insights and opinions concerning Lyle School initiatives and, discuss academic improvement strategies for the Lyle School of Engineering.

**SMU Room Hall Association**, Hawk, Martin, and Moore representative

Aug 2012 – May 2013

- Elected to represent my dorm in order to vote at RHA meetings and bring forth resident requests to Community Council.