Alexander Saladna

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OBJECTIVE: To obtain an internship position in Computer Science.

EDUCATION: Southern Methodist University   Grad Date: Dec 2016

Bachelor of Science in Computer Engineering
Minor in Chinese

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

RELEVANT   Differential Equations, Chinese (Beginner- Advanced), Digital Logic and Design,Data Structures,
COURSES: Calculus I & II, Linear Algebra, Circuit Analysis, Java, C++, Mongo for Developers, Mongo for DBA's

SKILLS: Developed reading and writing skills in Chinese, C++, Python, Jython, HTML, CSS, Java, Bash, SQL,
MongoDB, Visual Basic, Tanium, MS Windows, Excel, Word, PowerPoint, Adobe Creative Suite

ENGINEERING PROJECTS:

Warm(5th place), Hack DFW   Winter 2015
- Worked with a team of engineers to design an app that communicated with an LED lamp which caused colors to react based on the current weather conditions all over the world.
- Competed against 800 other students in a competition to design the best product in 24 hours.

WikiBooks Search Engine, CSE 2341   Spring 2015
- Worked with a team of engineers to build a term indexed search engine for over 200,000 XML pages from Wikibooks.
- Constructed a boolean query engine, stemmer, relevancy ranking, and offered the user a choice to use either a AVL Tree or Hash Table to store the data.

EXPERIENCE:

Citi Group, *Citi Data*, *Irving, TX*   Summer 2015
- Created a Jython program that pulled data from database automation log files and determined the overall health status of the automation system.
- Dynamically generated an HTML page that displayed the health status of the log files and had the data indexed to a MongoDB database.
- Completed Mongo University's Mongo for Developers(Python) and Mongo for DBA's.

Citi Group, *Citi Systems*, 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 the sensors.
- Trained the seven members on my team how to use a new tool from CITI to better organize their workflow.

Activities:

SMU Triathlon Club, *President*   May 2014 – Aug 2015
- 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 – Apr 2015
- Served on the finance committee and helped 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 – May 2015
- Advised the Dean on issues that are important to students, relayed student suggestions, reactions, insights and opinions concerning Lyle School initiatives and, discussed academic improvement strategies for the Lyle School of Engineering.

AWARDS

Engaged Learning Scholar- $2000 grant to pursue a startup business.