# Andrew Ksendzoff

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## Objective

To use my knowledge and skills in a professional environment, gaining experience and providing value with my work.

## Education

Southern Methodist University                                    Dallas, TX
Bachelor of Science in Computer Science              Grad Date: May 2018
Minor in Creative Computation

## Relevant Courses

Machine Learning in Python, Hardware Security and Trojan Detection, Computer Networks, Software Engineering Principles, Digital Logic Design, Algorithms, Programming Languages, Database Concepts, Data Structures

## Skills

Java, C/C++, Python, Ruby, JavaScript, PHP, ARM Assembly, MySQL
Linux/UNIX, Microsoft Windows, Mac OS X
Adobe Photoshop, Amazon EC2

## Experience and Projects

**RUSSIAN SCHOOL OF DALLAS**                                    **JULY 2010 - PRESENT**

Teaching children of all ages Russian, French, and Math in both a classroom and in a private tutoring setting.

**EENSIM**                                    **FALL 2016**

Developed a network simulator based on Stanford's SNAP to model and analyze flows. Used the simulator to study stop-and-reroute for end-to-end connections.

**DATABASE CONCEPTS CLASS PROJECT**                                    **SPRING 2016**

Created a RESTful API backend to manage tutors for SMU's tutoring center using PHP, Slim 3, and MySQL.

**DATA STRUCTURES CLASS PROJECT**                                    **FALL 2015**

Designed and implemented a search engine in C++ that parses MediaWiki formatted XML into an inverted file index based on an AVL tree, and allows for nested boolean queries for searching.

**INTRODUCTION TO ENGINEERING DESIGN**                                    **FALL 2014**

Engineered and coded an autonomous robot capable of finding water, testing it for quality, and dispensing appropriate remediation materials.

## Activities

Theta Tau Professional Engineering Fraternity, Historian and Webmaster
Ballroom Dancing Team

## Languages

Native Russian and French, Beginner Spanish and German