

**Nicholas Kantor**  
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## EDUCATION

**The University of Texas at Austin**, Austin, TX  
Bachelor of Science in Computer Science

**Expected Graduation Date:** May 2017

**GPA: 3.70**

## Awards/Honors

**Distinguished Scholar**, The University of Texas at Austin  
Ranked in the top 4% of the College of Natural Science. Awarded 2015

**INFOSEC SFS Recipient**, The University of Texas at Austin  
Scholarship for service offered by the government to a select few qualified students. Awarded 2015

## WORK EXPERIENCE

**UT Sanger Learning Center**, Austin, TX January 2014 – May 2015  
Tutor in Calculus, Computer Science, and Physics.

**MyRollCall**, Austin, TX June 2015 – March 2016  
Software Engineer Intern, working on web development using the PHPFox framework.  
Developed in PHP, HTML and JavaScript and used a MySQL database.

**Sandia National Laboratories**, Albuquerque, NM May 2016 – Present  
Student Intern in the Center for Cyber Defenders. Worked on Information Security related projects.  
Developed in Javascript, HTML, PHP, Python, Bash, and used MySQL and MongoDB databases.

## NOTABLE PROJECTS

<b>Gauntlt Security</b>	Developed an automated test using python and gauntlt to test a website for a specific vulnerability and determine when and if the vulnerability is fixed.
<b>Allocator</b>	Developed with Tanner Harper
<b>Pintos</b>	Replication of the C++ Allocator class. Basic Operating System created in C that has Virtual Memory and a File System implemented and also handles multiple threads and user programs.
<b>Grade Master</b>	Interactive grade manager for UT students developed in JavaScript.
<b>Nebay</b>	Replication of Ebay written in PHP.

## SKILLS

<b>Languages:</b>	Proficient in Java, Python and C++ Nearing proficiency in C, Bash and Assembly X86
<b>Web Development:</b>	Proficient in HTML, JavaScript, CSS, PHP, Flask, and Node.js
<b>Databases:</b>	MySQL and MongoDB

## RELEVANT COURSEWORK

Data Structures	Object Oriented Programming
Discrete Math for CS	JavaScript
Honors: Computer Architecture	Linear Algebra
Operating Systems	PHP
Programming Languages	Algorithms and Complexity
Automated Question Answering	Cyber Security
Computer Networks	Network Security and Privacy
Competitive Programming	

## ACTIVITIES

**Longhorn Band** August 2013 - Present  
Trumpet Player