

# Elan Miller

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OBJECTIVE	Current junior at Washington University in St. Louis pursuing a degree in computer science. I am fascinated by the field and enjoy the intersection of mathematics and CS. Potentially interested in graduate work after completion of my degree.	
EDUCATION	<b>Washington University in St. Louis</b> , St. Louis, Missouri, USA	
	<ul style="list-style-type: none"><li>▪ Bachelor of Science Candidate in Computer Science</li></ul> Second major in Mathematics	Aug 2014 – May 2018
	<ul style="list-style-type: none"><li>• Cumulative GPA: 3.65 / 4.0</li><li>• Deans List: Every Semester</li></ul>	
	<i>Relevant Coursework</i> Calculus 1-3, Linear Algebra, Discrete Math, Proofwriting, Probability and Statistics, Digital Logic and Computer Design, Object Oriented Programming, Arduino Hardware Programming, Cloud Computing With Big Data, Rapid Prototype Development and Creative Programming, Algorithms and Data Structures, and others	
SKILLS	Experience With: L <sup>A</sup> T <sub>E</sub> X, Python, Java, C/C++, Bash, and more.	
EXPERIENCE	<b>Research Experience for Undergraduates at University of Nebraska at Lincoln</b>	
	Undergraduate Research Student	Aug 2016 – May 2016
	<ul style="list-style-type: none"><li>▪ Project: Investigating Data Leaks in Android Applications</li><li>▪ Supervisor: Dr. Qiben Yan</li><li>▪ Description: Created programs and scripts to download and test the 100 most popular apps in the android store, as well as 700 apps from a third party android store, and capture any data leaks using various packet sniffing programs. Also, studied latest innovative techniques, specifically software middleboxes, in mobile security.</li></ul>	
OTHER WORK EXPERIENCE	<b>Menchies Frozen Yogurt</b> , Atlanta, Georgia, USA	
	<ul style="list-style-type: none"><li>▪ Team Member</li></ul>	May 2014 – Aug 2014
	<ul style="list-style-type: none"><li>• Ensured a friendly environment by always being cheerful and happy</li><li>• Maintained machines by cleaning them and filling them with frozen yogurt</li><li>• Kept store clean and topping containers full</li></ul>	
PERSONAL PROJECTS	<b>Game Development</b> , C++	
	<ul style="list-style-type: none"><li>▪ Created a command line game enabling users to play TicTacToe, Sudoku, Gomoku and Checkers.</li></ul> (More projects on github)	
CAMPUS ACTIVITIES	<b>Chabad Center for Jewish Life</b> , Washington University in St. Louis	
	<ul style="list-style-type: none"><li>▪ Board Member</li></ul>	Aug 2014 – Present
	<ul style="list-style-type: none"><li>• Coordinate many activities such as prayer services every Friday evening, holiday banquets on Passover and Succot. I also pass out fliers and paint advertisements for events.</li></ul>	
LANGUAGES	<ul style="list-style-type: none"><li>▪ English: Native language.</li><li>▪ Hebrew: Intermediate (speaking, reading, writing).</li></ul>	
INTERESTS	Rock Climbing, Hiking, Running, Biking, Guitar and Bass, Cooking, Reading, Connecting with People!	
REFERENCES	<ul style="list-style-type: none"><li>▪ <b>Professor Qiben Yan</b> Professor of Computer Science University of Nebraska Lincoln  yan@unl.edu • (402) 472-2401</li></ul>	

