

Thomas Schneider

CONTACT INFORMATION	340 E Foothill Boulevard Claremont, CA 91711 (414) 366-9717	tschneider@hmc.edu tommy@dropabet.com
EDUCATION	Harvey Mudd College , Claremont, CA GPA: 3.67 UW-Milwaukee , Milwaukee, WI (<i>High School Special Student</i>) GPA: 3.87 Nicolet High School , Glendale, WI GPA: 4.71 (5.0 scale)	Expected Graduation: May 2019 Attended: Sep 2013 – May 2015 Graduated in May 2015
RESEARCH EXPERIENCE	MyCS: Middle-years Computer Science Worked on a team of 6 to: write and edit a computer science curriculum for middle school students; present to teachers at professional developments in New York and San Francisco; analyze survey data from prior implementations of the course; co-author a paper submitted to the SIGCSE 2017 conference.	May 2016 – Aug 2016
WORK AND VOLUNTEER EXPERIENCE	Computer Science Grutor (Harvey Mudd) <i>CS 42</i> : Taught basic computability theory, logic gates, and functional and imperative programming in Python, Racket, and Java. <i>CS 35</i> : Taught applications of computing, including: using Python libraries, regular expressions, image processing, machine learning, API usage. Chess Coach (Bayside, WI) Self-employed. Coached 2-5 students weekly, analyzed tournament and practice games. Middle School Programing Club (Bayside, WI) Instructor, volunteer, founder. Taught 15-30 students programming in Scratch and Python weekly.	Nov 2015 – Present June 2013 – Aug. 2015 Sep 2012 – June 2015
RELEVANT COURSES	Mathematics : Coding Theory, Abstract Algebra, Number Theory, Discrete Mathematics, Differential Equations, Linear Algebra, Probability and Statistics, Single and Multivariable Calculus Computer Science : Data Structures and Program Development, Theory of Computation, Principles and Practice of Computer Science Physics : Electromagnetism and Optics, Mechanics and Wave Motion, Special Relativity MOOCs in : Algorithms, Machine Learning, Game Theory, Quantum Computing	
SKILLS	Proficient in: Python, Scheme/Racket, L ^A T _E X Rusty on: Java, MATLAB/Octave Currently Learning: C++, Haskell	
LEADERSHIP	DUCK! Improvisational Comedy Capitan Wrote funny emails (weekly). Did improv (weekly). Taught improv (weekly). Made puns (weakly). Organized shows (monthly). Performed in shows (monthly). Editor-in-Chief for High School Satire Newspaper Wrote for and edited 60+ pages of my high school's satire paper, the <i>Amateur Knight</i> . Capitan of High School Chess Team Lead team through 4 Wisconsin state championships. Twice tied for first place on Board 1 individually.	Dec 2015 – Present 2012 – 2015 2011 – 2015
OTHER ACTIVITIES / HONORS AND AWARDS	DropOFF (http://www.dropabet.com/) 2015 Satire Writer 2011 – Present Chess Player (USCF Elo: 2011) 2007 – Present	Harvey S. Mudd Merit Award 2015 – 2016 National Merit Award 2015 National AP Scholar 2016 Candidate Master (Chess) 2014