

Thomas Schneider

CONTACT INFORMATION	340 E Foothill Boulevard Claremont, CA 91711 (414) 366-9717	tschneider@hmc.edu tommy@dropabet.com
EDUCATION	Joint Math-Physics Major at Harvey Mudd College , Claremont, CA GPA: 3.637 UW-Milwaukee , Milwaukee, WI (<i>High School Special Student</i>) GPA: 3.87	Expected Graduation: May 2019 Attended: Sep 2013 – 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; co-author a paper presented at a poster session in the SIGCSE 2017 conference; prepare and run professional developments in New York and San Francisco; analyze survey data from prior implementations of the course. Projected guided by Professor Zachary Dodds.	May 2016 – Aug 2016
WORK AND VOLUNTEER EXPERIENCE	Academic Excellence Facilitator: Physics (Harvey Mudd) Worked with a team of 8 to tutor multiple classes in Harvey Mudd's physics curriculum. Math and Computer Science Grutor (Harvey Mudd) <i>Summer Math 2017</i> : Full-time grading job during the summer; linear algebra and systems of differential equations. <i>Math 171</i> : Graded and tutored for an introductory abstract algebra course. <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.	Sep 2017 – Present Nov 2015 – June 2017
RELEVANT COURSES	Mathematics : Representation Theory, Coding Theory, Abstract Algebra, Real Analysis, Number Theory, Discrete Mathematics, Differential Equations, Linear Algebra, Probability and Statistics, Single and Multi-variable Calculus Computer Science : Advanced Topics in Algorithms, Complexity Theory, Data Structures and Program Development, Theory of Computation, Principles and Practice of Computer Science Self-Taught/Online Courses : Algorithms, Machine Learning, Game Theory, Quantum Computing	Sep 2012 – June 2015 Instructor, volunteer, founder. Taught 15-30 students programming in Scratch and Python weekly.
SKILLS	Proficient in: Python, Scheme/Racket, L ^A T _E X, C++ Rusty on: Java, MATLAB/Octave, 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). Orientation Adventure Leader Helped plan Mudd's Orientation and led a trip with fifteen students and one professor.	Dec 2015 – Present Aug 2017
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