Adam Bloom

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EXPERIENCE

ViaSat, Inc.   Denver, CO
Systems Engineer   *January 2016 — Present*
- My team seeks to improve the experience of our customers by increasing the capacity of our Exede internet network

Communication Systems Engineering Intern   *Summer 2014*
- Developed carrier power monitoring system for the physical layer of the Exede network, allowing for automated data collection, historical trending, and automated alerts to prevent outages for 685,000 subscribers.

Electrical and Computer Engineering Department, Rice University   Houston, TX
Introduction to Computer Engineering Course Assistant   *January 2013 — May 2015*
- Incorporated TI MSP430 microcontrollers deeper into the curriculum with the goal of having each student purchase a LaunchPad in lieu of a textbook, which could lead to personal projects after completion of the course
- Coached twenty students in digital logic, state machines, assembly and C programming
- Assisted students with two larger projects: an FPGA calculator (using Quartus) and an ISA simulator (in CCS)

Fundamentals of Electrical Engineering Course Assistant   *Fall 2013*
- Guided a group of five students though the successful completion of their problem sets by teaching introductory system theory, circuit theory, Fourier analysis, and information theory

McMurtry College, Rice University   Houston, TX
Student Maintenance Representative   *August 2014 — May 2015*
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Faculty Master Search Committee Chair   *September 2014 — December 2014*
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Internal Vice President   *February 2013 — February 2014*
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Camp Nebagamon for Boys   Lake Nebagamon, WI
Senior Cabin Counselor   *Summers 2010 — 2013, 2015*
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EDUCATION

Rice University   Houston, TX
  Master of Electrical Engineering   *December 2015*
  Bachelor of Science in Electrical Engineering, *Cum Laude*   *May 2015*

HONORS AND AWARDS

Awards	Burt and Deedee McMurtry Award for service to McMurtry College	2015
	Rice Engineering Alumni Distinguished Leadership Excellence Award	2015
	Bill Wilson Prize for Best Electrical and Computer Engineering Design	2015
	Chevron Scholarship	2014
	Barbara Long Chilton Memorial Award for Science and Engineering majors involved in theater	2012
Honor Societies	Tau Beta Pi, Inducted Texas Gamma chapter	2014
	IEEE-HKN, Inducted Theta Rho chapter	2014