

# Charles Dunn

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## Education

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Stanford University Coterminous MS in Electrical Engineering – Signal Processing Concentration, Class of 2012

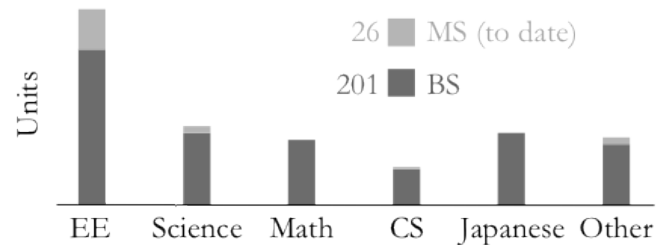
Stanford University BS in Electrical Engineering – Circuits and Devices Concentration, Class of 2011

4.23/4.00  
Graduate GPA

800/800  
GRE Quantitative

3.80/4.00  
Undergraduate GPA

35/36  
ACT Composite



## Work and Research Experience

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Johns Hopkins University Applied Physics Laboratory, Global Engagement Department — 2010, 2011

GPS C/A code generation in Simulink and Matlab, RF antenna field testing and post-processing — 2011

PCB layout and fabrication for GPS systems, GPS satellite signal integrity study — 2010

Contact: Martin Sommerville (Martin.Sommerville@jhuapl.edu, 443-778-7630)

Stanford University Electrical Engineering, VLF Group — 2008, 2010

Cubesat thermal control simulation and testing — 2010

Circuit construction and microprocessor programming for LEO Cubesat ground station tracking — 2008

Contact: Dave Lauben (dsl@stanford.edu, 650-723-3965)

Hitachi Works, Nuclear Power Plant Division, Radiation Shielding Group – Hitachi-shi, Ibaraki-ken, Japan — 2009

Monte Carlo particle simulations for radiation therapy enclosure design

Active DOD Security Clearance

## Awards

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Tau Beta Pi Engineering Honor Society

Dean of Students Outstanding Achievement Award for Down With Gravity (Club President 2009-2011)

SPARK Arts Grant Recipient

US National Physics Team Semifinalist (200 nationwide)

National AP Scholar, AP Scholar with Distinction

Rolling Meadows High School Physical Science Senior Medallion

## Personal Interests

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Coffees consumed per day		IM indoor soccer title		Internet published 50 word stories		Years lived in Rome		Minute 52 second PR mile		Months lived in Japan		Raymond Chandler novels read		Ball cascade juggling pattern		States camped or canoed in		KZSU indie music radio shows DJed