

Charles Dunn

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Education

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

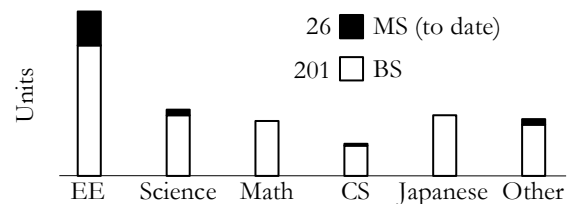
Stanford University BS in Electrical Engineering – Circuits and Devices Concentration, Class of 2011

4.23/4.00
Graduate GPA

800/800
GRE Quantitative

3.80/4.00
Undergraduate GPA

35/36
ACT Composite



Work and Research Experience

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

Tau Beta Pi Engineering Honor Society

National AP Scholar, AP Scholar with Distinction

US National Physics Team Semifinalist (200 nationwide)

Rolling Meadows High School Physical Science Senior Medallion

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

SPARK Arts Grant Recipient

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