Charles Dunn

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Education

Stanford University Coterminal MS in Electrical Engineering – Signal Processing Concentration, Class of 2012
Stanford University BS in Electrical Engineering – Circuits and Devices Concentration, Class of 2011
Stanford Graduate GPA: 4.23/4.0
Stanford Undergraduate GPA: 3.80/4.0
GRE Quantitative: 800/800
ACT Composite: 35/36
Stanford University Bing Overseas Studies Program 2009 – Kyoto, Japan

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
US National Physics Team Semifinalist (200 nationwide)
National AP Scholar, AP Scholar with Distinction
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

1 IM Soccer Championship – 2 Internet published fifty-word stories – 3 years lived in Rome
4 minute 52 second PR mile – 5 months lived in Japan – 6 Raymond Chandler novels read
7 ball cascade juggling pattern qualification – 8 states camped or canoed in – 9 KZSU indie music radio shows DJed