Charles Dunn

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ccdunn@stanford.edu

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

800/800

GRE Quantitative

4.23/4.00

Graduate GPA

3.80/4.00

Undergraduate GPA

35/36

ACT Composite

MS (to date)

26

201

BS

Units

EE

Science

Math

CS

Japanese

Other

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

Internet published 50 word stories

2

IM indoor  
soccer   
title

1

Coffees consumed   
per day

0

Minute  
52 second  
PR mile

4

Years  
lived in  
Rome

3

Months   
lived in   
Japan

5

Raymond Chandler novels read

6

Ball cascade

juggling  
pattern

7

KZSU indie  
music radio  
shows DJed

9

States

camped or

canoed in

8

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