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BRIAN DUFF

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OBJECTIVE	To obtain senior level research in the field of computer engineering or computer science.		
EDUCATION	CARNEGIE MELLON UNIVERSITY <i>Pittsburgh, PA</i> Bachelor of Science in Electrical and Computer Engineering May 2013 Overall GPA: 3.56/4.00		
	PITTSFORD MENDON HIGH SCHOOL <i>Pittsford, NY</i> High School Diploma with Distinction June 2009		
RELEVANT COURSES	Effective Programming in C and Unix Fundamental Data Structures and Algorithms Electronic Devices and Analog Circuits Mathematical Foundations of Electrical Engineering	Intro to Computer Systems Embedded System Design Differential Equations Writing for the Professions	
PROJECTS	ISTALK , <i>Group project for Embedded System Design capstone</i> Spring 2012 <ul style="list-style-type: none">Employed C++ OpenCV libraries to implement facial recognitionContributed to a Perl backend TERRA NIVIUM , <i>Web-based PHP game</i> Summer 2009 <ul style="list-style-type: none">Designed and programmed from scratch as a three-man teamReleased a public beta and attracted forty players		
LEADERSHIP	LEAD ORGANIZER , <i>Carnegie Mellon Donut Dash</i> Fall 2011 <ul style="list-style-type: none">Delegated to a committee, organized 60 volunteersBrought in almost 200 runners and raised over \$7,500 for charity		
SKILLS	Programming Languages: C, Java, Matlab, Simulink, Perl, HTML, JavaScript, PHP, ARM Assembly, Verilog Software: Microsoft Word, PowerPoint, Excel		
EMPLOYMENT	GENERAL MOTORS, FUEL CELL ACTIVITIES <i>Rochester, NY</i> Summer 2011 <ul style="list-style-type: none">Researched and applied signal processing techniques to fuel cellsDesigned tests and models, scripted data analysis in Matlab/SimulinkPresented findings to campus executives ZWEIGLE'S INC. <i>Rochester, NY</i> Summer 2010 <ul style="list-style-type: none">Worked with people from diverse backgrounds		
ACTIVITIES	Club Ultimate Frisbee , Carnegie Mellon University 2009-2012 Sigma Alpha Epsilon Fraternity , Carnegie Mellon University 2010-2012 AHEADD Mentor , Carnegie Mellon University 2010-2012 National Honor Society , Mendon High School 2008-2009		
HONORS	Volunteer of the Month , AHEADD January 2011 Dean's List , Carnegie Institute of Technology Fall 2009, Fall 2011 Outstanding Achievement in Vocational/Technical Department 2009 NSCAA High School Scholar All-East Region Team 2008 National Merit Commended Scholar 2007		