Dwyane George

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EDUCATION

Massachusetts Institute of Technology Cambridge, MA
Bachelor of Science in Electrical Engineering and Computer Science and Economics, Early Sophomore, Class of 2015, GPA: 4.7/5.0
Coursework: Introduction to EECS, Mathematics for CS, Python, Probability and Random Variables, Differential Equations

Freeport High School Freeport, NY
Regents Diploma Advanced Designation With Honors, Class of 2011, Class Rank: 4 of 419 Students, Unweighted GPA: 4.00

University at Albany State University of New York College of Arts and Sciences Albany, NY
Coursework: Advanced Methods of Research, Advanced Science Research, Cumulative Grade: A, GPA: 4.00

EXPERIENCE

Intel Corporation, PC Client Architecture: Computer and Advanced Systems Engineering Santa Clara, CA
Software Engineer June 2012 – August 2012
- Designed algorithms to understand key performance indicators such as latency and quality of video transmission and AV lip sync on Intel Wireless Display platform using real-time video capture system, post processing techniques, and signal validation metrics
- Constructed a module that measures and records audio video lip sync signal latency with millisecond time scale resolution

Massachusetts Institute of Technology Interphase Cambridge, MA
Student Participant June 2011 – August 2011
- Helped foster a tightly-woven community of seventy MIT students and studied intermediate calculus, principles of chemical science, humanities, and classical mechanics and electromagnetism physics

New York University Center for Soft Matter Research New York City, NY
Researcher and Data Analyst June 2010 – August 2010
- Investigated the mechanical properties of particulate matter by creating and exposing series of glycerol-based emulsions to varying degrees of centrifugation followed by confocal image acquisition and data analysis using MATLAB algorithms

RESEARCH

George, D. *The Experimental Study of Stress Transmission Through Particulate Matter*. 2011.
George, D. *The Experimental Study of Chelation as the Mechanism of Action of Ethylenediaminetetraacetic Acid (EDTA) and p-Aminosalicylic Acid (PAS) in the Treatment of Manganism and Autism*. 2011.

LEADERSHIP

National Society of Black Engineers (NSBE) Cambridge, MA
Finance Chair, Freshman Committee Cochairman 2011 – 2013
- Managed the chapter fund, budget, and sponsorship, established new networking affiliations, and increased chapter membership

Undergraduate Association Committee on Student Life Cambridge, MA
Member 2011 – 2012
- Coordinated campus events for 250 undergraduates focused on promoting student physical and mental health

Traders @ MIT 2012 – 2013
MIT Athletics Varsity Fencing Team Member 2011 – 2013

HONORS AND AWARDS

- College Board AP National Scholar Award, awarded to high school students for college-level achievements 2011
- Science and Technology Entry Program Statewide Conference Second and Fourth Place Trophies and Medals 2011
- Rensselaer Medal Scholarship, awarded to top 20,000 students worldwide for achievements in mathematics and science 2009

PUBLICATIONS

- Science and Technology Entry Program Statewide Conference Abstract Book 2011
- Undergraduate Research Symposium in Chemical and Biological Sciences, University of Maryland, Baltimore County 2010

SKILLS

Languages: Basic Spanish
Computer Skills: Python, MATLAB, C, Microsoft Excel, PowerPoint, Word