

BOONE J. ADKINS

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EDUCATION

- ✦ **University of Virginia**, School of Engineering and Applied Science, Charlottesville, VA
Candidate for B.S. in Electrical Engineering and Computer Engineering
GPA: 3.2
Related coursework: Signals and Systems, Control Systems, Computer Networking, Electromechanical Energy Conversion
Class of 2010
- ✦ **Thomas Jefferson High School for Science and Technology (TJHSST)**, Alexandria, VA
GPA: 3.9
Class of 2006

RELEVANT EXPERIENCE

- ✦ **University of Virginia, Undergraduate Thesis:**
Development of a Terminal Guidance System for a Lunar Spacecraft.
Advisor: John C. Knight
Leading an interdisciplinary team of undergraduates to build a guidance system for Team FREDNET, one of 20 contenders for the Google Lunar X Prize.
Aug 2009-Present
- ✦ **Northrop Grumman Information Systems, Intern**, Charlottesville, VA
Worked on software projects C3Net and FORMMS. Rotations included development, build automation, quality assurance, requirements, and testing.
May-Aug 2009
- ✦ **Ride Forward**. University of Virginia, Charlottesville, VA
Green engineering project to build low-cost electric vehicles and a solar-powered, smart microgrid. Responsible for monitoring and control system for photovoltaic array.
Jan-May 2009
- ✦ **U.S. Naval Research Laboratory, Intern**, Plasma Physics Division, Beam Physics Branch, Bolling Air Force Base, Washington, DC
Project: *Design, Construction, and Testing of a Corrective Compound Microwave Lens.*
July-Sept 2005

OTHER EXPERIENCE

- ✦ **University of Virginia, Tour Guide**, E-Guides, Charlottesville, VA
Once daily, gave tours of the Engineering School. Group sizes ranging four to forty.
May-Aug 2008
- ✦ **University of Virginia, Webmaster**, Charlottesville, VA
Built the Computer Engineering Program's web site. Used PHP and a CSS layout.
May-Aug 2008
- ✦ **Camp Lenox, Counselor**, Otis, MA
Led of Outdoor Adventure Program, supervised the ropes course, cabin counselor for seven campers. Gained First Aid Certification.
Jun-Aug 2007

SKILLS AND KNOWLEDGE

- ✦ Java (esp. Swing), C/C++
- ✦ Unix experience, Vi, Emacs, GNU Debugger, Putty, WinSCP, SecureCRT, SecureFX
- ✦ Eclipse (CVS / SVN), JUnit, Apache Ant, Mantis, Cruise Control, Code Blocks, Eclipse Cpp, CppUnit, FindBugs, JSLint, JAR Analyzer
- ✦ Robotics experience using LeJOS, soldering and breadboarding experience, basic genetic algorithms experience.
- ✦ Matlab, Mathematica, MathCAD, LabVIEW, CyberRay, PSpice
- ✦ Apache Server, MySQL, PHP, HTML, Javascript, XMLT, Firebug, Photoshop, GIMP, Dreamweaver, Flash, Paint.NET

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- ✦ Cavalier Marching Band (2006-07), Jazz drumset (2003-07), Virginia Swing Club (2008-09), Taekwondo (black belt), comics published in Cavalier Daily (2007-08), Scuba Certified.