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Permanent Address:

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- Objective** Full time position in an Electrical Engineering field.
- Education** **B.S. Electrical Engineering**, December 2016
Virginia Polytechnic Institute and State University, Blacksburg, VA 24061
- In-Major GPA: 4.0/4.0; Overall GPA: 3.98/4.0
- A.S. Electrical Engineering**, May 2014
Northern Virginia Community College, Annandale, VA 22003
- In-Major GPA: 4.0/4.0 Overall GPA: 4.0/4.0
- Work Experience** **Intel Corporation Intern/Co-Op, ICF-TMG-DFT**, Hillsboro, Oregon, May 2015 – December 2015 and Summer ‘16
- High Volume Characterization – Automated MIP data collection which led to faster analysis
 - MBIST – Generated BIST patterns, ran the MBIST Test Shuttle
 - SCAN – Generated Transition Delay Fault patterns for various islands
 - Automation – Scripting, workflow improvements and enhancements
 - Test Time – Optimized Test Time calculations to improve tester’s efficiency
- Academic Tutor**, Northern Virginia Community College, Summer 2013 – Summer 2014
- Presented difficult concepts in unique and engaging ways to foster learning
- Projects**
- Cadence Virtuoso UART chip layout
 - Fully functional clock system in FPGA
 - 2048 and Asteroid games on microcontroller
- Computer Skills**
- Cadence Virtuoso/VLSI/Verilog/FPGA
 - Programming: C, C++, Perl
 - Matlab, Mathematica, LTspice
 - Microcontroller/Arduino prototyping
- Volunteering/ Service**
- Kids’ Tech University Leader: Creating the future workforce in STEM by sparking kids’ interest in these fields This semester long project included setting up and performing science experiments for kids (K-12)
 - Volunteer Tutor: Helped students in various engineering subjects
 - Air Show Volunteer: Set up a weekend long air show
 - On Campus Event Organizing
- Languages**
- English (Expert)
 - Albanian (Native)
 - German (Beginner)
- Research & Certifications**
- Undergraduate Researcher**, Virginia Tech Center For Power Electronics Systems, 2016
- DC Data Center with High Frequency Isolation – Worked with Cascaded H Bridge Converter Control
- Undergraduate Researcher**, Northern Virginia Community College Physics Department, 2013–2014
- Experimented with electric and magnetic toroids to determine toroidal dipole moment
 - Authored poster and presented at Society of Physics Students conference at University of Maryland College Park and the American Association of Physics Teachers
- Undergraduate Researcher**, Virginia Tech Nuclear Engineering Department, Fall 2014
- Assisted in MATLAB modeling of nanoparticle temperature maps used in cancer treatment solutions
- LabView Certified**, Certified LabVIEW Associate Developer (CLAD) Exam, November 20, 2014
- Honors**
- Jack Kent Cooke Foundation Scholarship Winner**, JKC Scholar 2014
- Covers all tuition costs, room & board and personal expenses for my entire bachelor’s degree
- The President’s Volunteer Service Award**, presented by the President’s Council on Service and Civic Participation, signed by the US President Mr. Barack Obama
- University Honors Norrine Bailey Spencer Strong Start Award**, Spring 2015
- Phi Theta Kappa Honor Society Officer**, Northern Virginia Community College, 2011
- Global Leader Recipient**, presented by WorldLink Inc.
- Presidential Scholar**, Northern Virginia Community College, Fall 2012/13, Spring 2013/14
- Dean’s List**, Northern Virginia Community College, Summer 2012/13

