

JOSHUA H. COVILLE

APT 6 47 Main St Durham, NH 03824 • joshuacoville@gmail.com • (802) 730-5006

EDUCATION

University Of New Hampshire - Durham, NH

Expected: May 2019

Bachelor of Science in Electrical Engineering

GPA 3.48

- Dean's List: Fall 2015, Fall 2017

Relevant Coursework: Applications of Integrated Circuits, VLSI, Systems and Signals I & II, and Electromagnetic Fields & Waves

TECHNICAL SKILLS

Software - Multisim, MATLAB, Cadence Virtuoso, Microsoft Office

Hardware - Oscilloscopes, Network Analyzers, BERT Scopes

RELATED PROJECTS

Senior Capstone Project

August 2018 - Present

Noise Cancelling Headphones

- Designing Active Noise Cancelling headphones utilizing concept of destructive interference
 - Gaining experience in analog and digital circuit design
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RELATED EXPERIENCE

UNH InterOperability Laboratory - Durham, NH

June 2017 - Present

Test Technician

- Testing ethernet and optical systems for industry performance standards
 - Analyzing communications and networking products up to 100G speeds
 - Experience using Mixed-Signal Oscilloscopes, Digital Communication Analyzers, Bit Error Rate Testers, and Performance Network Analyzers
 - Creating detailed, technical reports on tested devices
 - Communicating professionally with device vendors
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CAMPUS & LEADERSHIP ACTIVITIES

Sigma Beta Fraternity

November 15 - Present

Set the Table Philanthropy

- Semiannual volleyball tournament to raise money for End 68 Hours of Hunger

Dance Marathon

- Multi-hour dance marathon to raise awareness and money for Boston Children's Hospital

Pease Greeters

- Greeting Armed Forces as they return from active duty at Portsmouth International Airport
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ADDITIONAL EXPERIENCE

Wonder and Wisdom - Greensboro, VT

June 2015 - August 2016

Summer Camp Counselor

- Lead a group of 5-12 year olds in days full of fun, meaningful activities
- Engaged children in learning about the natural world, the community, and the arts