

# Andrew T. Payne

pandrew8@vt.edu

---

OBJECTIVE	To obtain an internship in Machine Learning during the summer where my leadership and problem-solving abilities will be tested and grow.		
EDUCATION	<b>BS, Computer Engineering (CPE)</b> Expected Graduation: May 2020 <ul style="list-style-type: none"><li>• Virginia Tech – Blacksburg, Virginia</li><li>• GPA: <b>3.24</b> Overall</li><li>• Dean's List (Fall 2016)</li></ul>		
WORK EXPERIENCE	<b>Student Trainee, NSWC Dahlgren Division</b> Summer 2018 - Current <ul style="list-style-type: none"><li>• Developed a neural network with TensorFlow to match the results of a medium fidelity model</li><li>• Learned machine learning basics and Python</li></ul> <b>Lifeguard, Waterworks Waterpark</b> Summer 2016 and 2017 <ul style="list-style-type: none"><li>• CPR and first aid certified</li><li>• Oversaw the safety and well-being of hundreds of people</li></ul>		
SKILLS	C++/C MATLAB	Python Verilog	MIPS TensorFlow
COURSES	Intro to Computer Engineering Microcontroller Interfacing Comp Org and Arch	Differential Equations Data Structures and Algorithms	
ACTIVITIES/ SERVICE	<b>Sigma Phi Delta Fraternity</b> Spring 2017 - Current <ul style="list-style-type: none"><li>• Professional-social fraternity of engineers</li><li>• Chaplain: Oversaw the proceedings for the Judicial Board</li><li>• Judicial Board member: Evaluated the validity of claims brought upon members</li></ul> <b>The Big Event at Virginia Tech</b> Spring 2017 <ul style="list-style-type: none"><li>• Community service effort throughout Blacksburg, Christiansburg, and the New River Valley</li></ul> <b>Relay for Life</b> Spring 2017 <ul style="list-style-type: none"><li>• Community-wide movement dedicated to eliminating cancer by raising money and awareness for the American Cancer Society</li></ul>		