

Kevin M. Smith

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College Address:

2832 Wellesley Court
Blacksburg, VA 24060

Permanent Address:

5074 Thornspring Road
Pulaski, VA 24301

Objective: To work full-time in software engineering, machine learning, or a related field

Education

Major: B.S. Computer Engineering, May 2020

Concentration: Machine Learning

Minor: Computer Science

Virginia Polytechnic Institute and State University, Blacksburg, VA

GPA: 3.04/4.00

Research

Advanced Research Computing (ARC), Virginia Tech, Blacksburg, VA

Undergraduate Research Assistant, July 2019 – May 2020

- Designed data acquisition mounting system for a AI Drone Search and Rescue application

Work Experience

Bradley Department of Electrical & Computer Engineering (ECE), Virginia Tech, Blacksburg, VA

Undergraduate Learning Assistant, February 2019 – May 2020

- Helped students with Embedded Systems coursework (written in C) for TI MSP432

Volvo Trucks, Dublin, VA

Maintenance Engineering Intern, May – August 2017

- Linked inventory parts in Computer Maintenance system for four different machines
- Recorded production problems as new truck was introduced on assembly line

Leadership

Center for Enhancement of Engineering Diversity (CEED), Virginia Tech, Blacksburg, VA

Peer Mentor, August 2017 – November 2019

- Mentored eight freshman engineering students at Virginia Tech
- Organized weekly meetings and group discussions
- Created presentations to inform freshmen on different engineering majors

Skills

Design: Raspberry Pi, Qt, Texas Instruments MCUs, Autodesk Inventor, 3D Printing, Verilog

Programming: Java, C++, C#, C, Python, JavaScript, MATLAB

Web Development: HTML, CSS, jQuery, PHP, MySQL, MS Azure API, Apache, AJAX, AWS

Microsoft Office: Excel, Access, Word, PowerPoint

Honors/Awards

National Basketball Association (NBA) Hackathon Finalist, September 2019

- Competed in basketball data analytics competition in Secaucus, New Jersey
- Presented research findings to experts in data science and basketball operations

Virginia Tech Dean's List, Spring 2017