Eric C. Paulz

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OBJECTIVE

My goal is to use the skills I have gained thus far in my career to contribute to the advancement of science and technology through research and application. I strive to learn more every day in my professional role and I am simultaneously continuing my education in order gain a better understanding of the topics that interest me.

EMPLOYMENT

Ted & Karyn Hume Center for National Security & Technology   Blacksburg, VA
Computer Engineer   1/2019 – present

BMW Group – innovation[LAB]   Greenville, SC
IT Innovations & Research Intern   5/2018 – 8/2018

BMW Manufacturing   Greer, SC
Material Control Intern   5/2017 – 8/2017

Clemson Online   Clemson, SC
Educational Media & Web Support Intern   1/2017 – 4/2017

EDUCATION

Clemson University – *Computer Science, B.S. (2018)*   Clemson, SC
Virginia Tech – *Electrical Engineering, M.S. (in progress)*   Blacksburg, VA

SKILLS

Software Engineering – Python, C, C++, Java

Embedded – Low-level C, OpenCPI, Embedded Linux, SoC / FPGA

Data Science – Python (pandas, numpy, jupyter), SQL, Alation, Tableau

Simulation Modeling – VISSIM, NetLogo, MATLAB

Miscellaneous – Node-RED, Splunk, HTML, LaTeX, OCaml, Prolog, AWS, VBA

INTERESTS

embedded systems & software, IoT, wireless communications, software defined radio, cybersecurity