Edward Powell
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EDUCATION

August 2017-2019:
Masters Computer Science at Virginia Tech

August 2012-December 2016:
Texas A&M University
Honors College
Major: Computer Science Minor: Mathematics   GPA: 4.00
Graduation Date: December 2016

WORK EXPERIENCE

- **Dahlgren (Scientist)**   Employed from September 2020-Present
- **Adjunct Instructor Virginia Tech**   Employed from January 2020-May 2020
- **Graduate Teaching Assistant**   Employed from August 2017-May 2019 (CS 2114, CS 2104)
- **Software Engineer at DUMAC**   Employed from January 2017-June 2017
- **Library Tutor**   Employed from January 2015 - May 2016
    o Texas A&M University ACS department – tutored Computer Science, Math, and Criminal Justice for students
- **Student Instructor**   Employed from August 2014 – May 2016
    o Texas A&M University –ACS department – instructs for Algebra and Calculus classes

AFFILIATIONS

- Alpha Lambda Delta Honors Society
- Phi Eta Sigma Honors Society

RESEARCH

- REU Cognitive Communications Virginia Tech 2014 Summer-research (electrical engineering internship) focused on Dynamic Spectrum Access and developing an efficient simulation using USRP's.
- REU Trust REU- Trustable Computing System University of Connecticut 2015 Summer-research focused on electronic voting security and trustable computing systems.

SKILLS

- Primary Languages: Java, Python, C++.
- Exposure: Swift, Objective C, JavaScript, PHP, Ruby, machine language.
- Projects: 1. DSA project- using USRP's and GNU radio software to simulate DSA; 2. Voter lab projects- Worked on a program that created false Barcodes as an entry point for SQL injection for licenses in the state of Connecticut (done legally at the University of Connecticut for security purposes), worked with assembly language, checking to see if a ballot scanner was digitally signed and secure.