CHRIS DARE

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Current Address:
815 Patrick Henry Drive
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13200 Hughsmith Way
Herndon, VA 20171

Highlights

- Two Bachelor's degrees and a Master's Degree in 4.5 years
- All degrees within Virginia Tech's Honors College
- Conferred the Virginia Tech Dean's List every semester
- Bachelor's Degree in Mathematics requirements completed end of Sophomore year (Awarded Spring 2017)
- Master's Degree in Mathematics (Awarded Spring 2019)
- Bachelor's Degree in Computer Science (Expected Fall 2019)
- Internships at NetApp and Splunk, as well as Research Fellowship at National Institute of Science and Technology (NIST)

Experience

Solutions Engineer Intern, **NetApp** — Summer 2018, Summer 2019
Worked for the US public sector division. First full-stack development experience. Built a Python-based tool to check ONTAP software for SCAP / FedRAMP compliance.

Professional Services Intern, **Splunk** — Summer 2017
Worked in the public sector for professional services, completing up to Splunk Certified Consultant I level certification. Extensive use of Linux systems and Splunk software.

Research Fellow, **National Institute of Science and Technology (NIST)** — Summer 2016
Worked under Lawrence Bassham on *The Latency of Lightweight Cryptographic Algorithms.* Implemented several block ciphers (including AES) and cryptographic hashing functions (including SHA) in C.

Education

Master of Science, Mathematics (2019)
GPA: 3.80 / 4.0
Thesis: *Turing Decidability and Computational Complexity of Morse Homology*

Dual B.S., Computer Science (expected Fall 2019), Mathematics (2017)
Virginia Tech, Blacksburg, VA
GPA: 3.80 / 4.0
- Honors College, Dean's List every semester
- *Undergraduate Research*: Fourier Analysis of Ambisonic Microphones
- *Computer Science Senior Capstone*: Protein Folding using GPUs

Computer Skills

C Python x86 Intel Assembly MIPS Mathematica Swift jQuery
Java AMBER bash / Shell Scripting MATLAB iOS Git JavaScript

Honors

Virginia Tech Honors Presidential Scholarship, Virginia Tech, 2015-Present
Phi Beta Kappa Honors Society, Virginia Tech, 2017
Eta Sigma Phi Honors Society, Virginia Tech, 2017
Pi Mu Epsilon Honors Society, Virginia Tech, 2017
Mathematical Competition in Modeling, Honorable Mention, 2016, 2017

Clubs:

President of Math Club, Virginia Tech, 2016-Present
Hackers@VT, Virginia Tech, 2015-Present
ToastMasters@VT, Virginia Tech, 2017
Phi Delta Theta Fraternity, Virginia Eta Chapter, 2016-Present

Hackathons:

BoilerMake
HackGT
MHacks
HackNC
HackDuke

References Provided Upon Request