

Sean McHugh

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Objective Internships / Co-Op positions in Computer Science or Software Engineering

Education *Virginia Tech, Class of 2019*

- GPA: 3.87 (3.85 in CS)
- Honors candidate for BS in Computer Science and Applied Discrete Math

Peninsula Catholic High School, Newport News VA

- Advanced Diploma, 2015 GPA: 4.37

Experience *NIST Summer Undergraduate Research Fellowship (SURF) – Summer 2016*

- Selected as a freshman from over 600 mostly upperclassman candidates.
- Face-recognition research. Conducted meta-analysis to be published in the 2017 IEEE International Conference on Automatic Face and Gesture Recognition.
- Plenary speaker award - ITL laboratory in the 2016 SURF Colloquium

Virginia Tech ACM ICPC Programming Team – Fall 2016 - present

- Participated on VT's Fall 2016 ACM ICPC Programming Team and Spring Offseason Training.

WUVT Virginia Tech Radio Station IT Staff – Spring 2017 – present

- Server administration and contributing to the Python codebase, using Agile Development.

Relevant Courses	Intro to Software Design	Calculus I, II, Multivariable
	Software Design & Data Structures	Linear Algebra
	Computer Organization I & II	Differential Equations
	Data Structures and Algorithms	Introduction to Proofs
		Modern Algebra

Relevant Skills C, C++, Java, Python, R, MATLAB, and LaTeX
Autodesk Inventor
Microsoft Office (Excel, Word, PowerPoint, Visio)
Windows, Mac, Linux

Honors and Awards Dean's List, Virginia Tech, Fall 2015, Spring 2016
Accepted to Honors Program, Virginia Tech, 2016
National Society of Collegiate Scholars, Virginia Tech, 2016
Best Plenary Speaker Award, NIST SURF program, 2016
Honor Roll, Peninsula Catholic High School, 2011 – 2015
Mu Alpha Theta (Math Honor Society) Peninsula Catholic HS, 2013 – 2015

Volunteer and Outreach Youth Volunteer Team at Our Lady of Mt Carmel Church, 2011 – 2015
Tutor in Math, Physics, and Chemistry, 2014–present

Extracurricular Activities Mobile and Web Development Club, Fall 2015 – present
VT Outdoors Club, Snow Club, Philosophy Club, Fall 2015 – present
Theta Tau Professional Engineering Fraternity, Fall 2016 - present
Playing bass in multiple bands, 2011 – present

References Dr. Jeremy Wong, Department of Mathematics, Virginia Tech
Dr. JQ Wang, College of Engineering, Virginia Tech
Dr. Jonathon Phillips, NIST

