Erik Boesen

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Profiles: GitHub, LinkedIn, Twitter, Instagram (account run by bot)

Education

2015-2019	IB DIPLOMA, George Mason High School, Falls Church, VA

Experience

2018-2019	MIT Marine Autonomy Lab // Research Assistant, helping to run experiments on human-robot interaction and autonomous aquatic robotics
2015-2019	FIRST Robotics Competition Team 1418 // Team President (2018-2019), Programming Captain (2017-2019), User Interface Director (2016-2017)
2017	Virginia Residential Governor's School for Math, Science, and Technology
2016-	Vektre Labs // CEO, performing web design services for local corporations and nonprofits
2016-2019	CyberPatriot // Captain, Team 10-1018 (2018) and Team 11-1091 (2019). Competed in national cybersecurity championship and directed school's program.
2017-2019	MasonHacks // Founded and Directed (for two years) GMHS' first "Hackathon" programming competition. Raised over $2,500 each year in corporate sponsorship.
2016-2019	GMHS Hack Club // Founded and led chapter of Hack Club at Mason
2018-2019	GMHS Student Advisory Board // Helped found, then sat, on GMHS board to give advisory to school administration on implementing strong IT security policy
2017-2019	The Academist // Founded intellectual journal for secondary students

AWARDS

2018	FIRST Dean's List Winner: chosen as one of FIRST Robotics Competition's top students, an honor awarded to only 10 FRC students of 92,000 each year
2017	Winner of US Congressional App Challenge for Opinr
2018	Worked with VA General Assembly to pass HB1111, a bill organizing a STEAM Education Fund for technology education programs at underserved high schools
2016-2019	Created FRC Dashboard and derived driving dashboard, which has won FIRST Robotics Innovation in Control Award five times
2018	Recipient of George Mason High School Outstanding Computer Scientist award, awarded to GMHS' top Computer Science student

TECHNOLOGIES

Proficient	Python, HTML/CSS/JS, C/C++, Java, Ruby, UNIX, TeX
Familiar	Go, Perl, Lisp, Batch