

Erik Boesen

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Current position

Research Assistant, Marine Autonomy Lab, MIT

Team President and *Programming Captain*, FIRST Robotics Competition Team 1418

CEO, Vektre Labs

Education

2015-2019	IB DIPLOMA, George Mason High School, Falls Church, VA
2018	Massachusetts Institute of Technology
2017	Virginia Residential Governor's School for Math, Science, and Technology

Experience

TECHNOLOGIES

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

ORGANIZATIONS & POSITIONS

2015-2019	FIRST Robotics Team 1418 // Team President & Captain (2018-2019), Programming Captain (2017-2019), User Interface Director (2016-2018)
2016-2019	CyberPatriot // Captain, Team 10-1018 (2018) and Team 11-1091 (2019)
2017-2019	MasonHacks // Founder and Director of the original GMHS Hackathon
2017-2019	The Academist // Dove into journalism by founding and editing e Academist, an intellectual journal for secondary students
2016-2019	GMHS Hack Club // Founded and led a chapter of the Hack Club organization at Mason

AWARDS & ACCOMPLISHMENTS

- 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 91,000 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
- 2018 Recipient of George Mason High School Outstanding Computer Scientist award, awarded to GMHS' top Computer Science student
- 2016-2019 Created [FRC Dashboard](#) and derived driving dashboard, which has won FIRST Robotics Innovation in Control Award five times

Other

HOBBIES & INTERESTS

Capoeira
Guitar
Politics
Vexillology

Last updated: July 10, 2018 • erikboesen.com/resume.pdf