

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, Vekre 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 Academicist // Dove into journalism by founding and editing e Academicist, 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 27, 2018 • [erikboesen.com/resume.pdf](#)