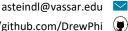
Drew Steindl

My website https://drewphi.github.io/

96 Lee Drive, Southington, Connecticut 1 860-539-6528

https://github.com/DrewPhi



Education

VASSAR COLLEGE AUGUST 2021 – EXPECTED MAY 2025

B.A. PURE AND APPLIED MATHEMATICS. GPA: 3.9

UNIVERSITY HIGHSCHOOL OF SCIENCE AND ENGINEERING

AUGUST 2017 – JUNE 2021

VALEDICTORIAN – PRESIDENT'S UNIVERSITY SCHOLAR AWARD

DEAN'S EARLY COLLEGE AWARD - GRADUATED WITH THE MOST COLLEGE CREDITS OF THE STUDENT BODY

CONCURRENTLY ENROLLED IN THE UNIVERSITY OF HARTFORD

COMPLETED 14 COURSES WHILE IN HIGH SCHOOL

Experience

- 2023 INDEPENDENT STUDY DESIGN AND CONSTRUCTION OF BIOMIMETIC MODULAR ORNITHOPTER TO STUDY EVOLUTION OF AVAIN FEATHERS
- 2023 VASSAR URSI FELLOWSHIP RESEARCH ON HUMANOID ROBOTICS PERCEPTION AND ACTION CUSTOM ENGINEERING - 10 WEEKS - NSF FUNDED - REU
- 2022 VASSAR URSI FELLOWSHIP RESEARCH ON THE GENUS DISTRIBUTION OF TWO-BRIDGE KNOTS 10 WEEKS - NSF FUNDED - REU

MATHEMATICS COURSEWORK	COGNITIVE SCIENCE & COMPUTER SCIENCE
 NONLINEAR DIFFERENTIAL EQUATIONS 	NEURAL NETWORKS
DIFFERENTIAL TOPOLOGY	AGENT BASED MODELING
 TOPOLOGY 	 PROBLEM SOLVING AND ABSTRACTION
MATHEMATICAL LOGIC	 ENGINEERING AND COMPUTER APPLICATIONS
 MODERN ALGEBRA 	
REAL ANALYSIS	SKILLS: JAVA PYTHON C++ LABVIEW DOCKER NODE.JS
ADVANCED LINEAR ALGEBRA	MONGODB GIT MATLAB OPENCV DEPTHAI ROS2
NUMBER THEORY	MICROROS ARDUINO REACT SVELTE NVIDIA 3D PRINTING
DISCRETE MATH 1 & 2	
MULTIVARIABLE CALCULUS	CAD: SOLID WORKS FUSION 360
DIFFERENTIAL EQUATIONS	

- CAPTAIN UHSSE 2017-2021 FIRST ROBOTICS COMPETITION FRC TRAVELING THROUGHOUT NEW ENGLAND
- VASSAR CHEMICAL SOCIETY TREASURER & COMBAT ROBOTICS FOUNDER
- MASS PRODUCTION OF PPE FOR HOSPITALS IN COVID CLICK ON LINK
- WEBSITE DEVELOPMENT FOR ZION LUTHERAN CHURCH
- WORKED WITH DR. ADAM GOODWORTH AT THE UNIVERSITY OF HARTFORD MAKING A VIDEO GAME TO HELP CHILDREN WITH CEREBRAL PALSY DEVELOP MOTOR CONTROL.
- TA PRINCIPALS OF ENGINEERING

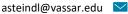
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Continued

Awards & Recognition

UHSSE TRINITY BOOK AWARD • 2020 FIRST ROBOTICS DEAN'S LIST AWARD SEMI-FINALIST • CLASS OF 2021 MATHEMATICS SCHOLAR AWARD • HARTFORD SOCIETY OF WOMEN ENGINEERS • UHHSE ROBOTICS AWARD FOUR TIMES • VASSAR FILM FESTIVAL 1ST PLACE

Activities

Mathematics • Robotics • Computer Programming • Music Instruments • HS - Varsity Golf • HS - 1991 Robotics Team Captain - Build-Electrical-Programming-Management • CT Flight Academy • Vassar Chess Club • Math Club • Science Bowl • Model Trains • Table Tennis • Snowboarding • Zion Lutheran Church • Relay for Life • Bread for Life • Trumpet Lessons@Vassar • Short Films • Pizza Reviews • Autonomous Robot Design Competition