

ETHAN MCCOSKY

CURRICULUM VITAE



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/in/emccosky

EXPERIENCE



FIRST ROBOTICS - VIPERBOTS

Project Manager (Sep '13 - Present)

Lead Hardware Engineer - Web Development
Specialist - Experience in CAD and Mechanics
Video Production and Marketing



IQUEST GLOBAL ENRICHMENT CENTER

Summer Camp Instructor (Mar '16 - Present)

Taught programming to children aged 8 - 14.
Conducted beginner instruction as well as basic
mobile app development.



OCEANEERING SUBSEA DISTRIBUTION

Engineering Intern (Feb '17)

Worked with a team of other high school students to
design an adjustable angle umbilical termination head
for sub-sea oil drilling and proposed solution to a panel.



CYBERPATRIOT COMPETITION

Team Member (Nov '15 - Present)

Participated in Cyber Security competition sponsored by U.S. Air Force - Windows Security Specialist - Top 100 Teams Nationally

EDUCATION



UNIVERSITY OF TEXAS AT DALLAS

Class of 2021

Hobson Wildenthal Honors College - Pursuing BS in
Software Engineering and a minor in Business



VANDEGRIFT HIGH SCHOOL

Aug '13 - Jun '17

Top 7% of class - National Honor Society -
Computer Science UIL - ACT: 36, SAT: 1540
National Merit Finalist

SKILLS

Programming Expertise

- HTML/CSS
- Python
- Java
- Android Development
- R (Statistical Data Analysis)

Computer Aided Design

- Autodesk Inventor
- Autodesk Showcase
- 3ds Max

Adobe Creative Suite

- Photoshop CC
- Illustrator CC
- InDesign CC
- Premiere CC
- After Effects CC

Soft Skills

- Small Group Leadership
- Project Management
- Experience with Scrum
- Public Speaking and Teaching

AWARDS

FIRST DEAN'S LIST FINALIST

Nominated by Peers and Mentors.
Selected as one of 100 finalists
from nearly 65,000 participants
from FIRST Tech Challenge.

RELEVANT COURSES

- AP Computer Science I and II
- Mobile App Development
- 3 years Project Lead the Way
- Stanford - "Startup Engineering" via Coursera
- John Hopkins - "R Programming" via Coursera