

# ETHAN MCCOSKY

COMPUTER SCIENCE STUDENT LOOKING  
FOR A CHALLENGING SUMMER INTERNSHIP



ethanmccosky@gmail.com  
ethanmccosky.com  
/in/emccosky  
github.com/emccosky

## EXPERIENCE



### FIRST ROBOTICS - VIPERBOTS

Project Manager (Sep '13 - May '17)

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



### IQUEST GLOBAL ENRICHMENT CENTER

Summer Camp Instructor (Mar '16 - Aug '17)

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



### MOBILE LOAVES AND FISHES

Technical Lead and Photographer (Jun '17 - Aug '17)

In charge of day to day technical operations for summer  
camp program. Documented camp through photo and  
video for public relations purposes.



### 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 (Oct '15 - Mar '17)

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

- HTML/CSS
- Python
- Java
- C++
- Android Development

### Developer Tools

- Android Studio
- Git

### Computer Aided Design

- Autodesk Inventor
- Autodesk Showcase
- 3ds Max

### Creative

- Adobe Creative Suite
- Photography
- Video Production

### 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

- Data Structures in C++
- Discrete Mathematics
- 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