

# Brandon Oltarsh

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## PORTFOLIO

<https://brandonprog.github.io/brandonportfolio/>

## EDUCATION

### High School Diploma

American Heritage School

Plantation Florida | May 2024

- Honoree of National Merit Commended Scholar
- Recipient of two Presidential Service Awards
- Completed 12 AP courses in English, Social Studies, Math, and Physics with perfect scores on 8 exams including Calculus BC (Calc 2) and Physics E&M (Physics 2)
- Relevant Coursework: 4 years of PLTW engineering courses for college credit. 3 years of business classes including management, finance, and entrepreneurship.
- Extracurricular Activities: Mechanical Director of the school's FRC robotics team.
- 5.5 weighted GPA

## PURDUE STUDENT

Drawing from my years of experience as a leader of my school's FRC robotics team overseeing the building of large efficient robots, I was able to apply my skills as a senior counselor at my school's robotics camp, lead my peers, run a successful camp, and teach the next generation of our team and industry. Demonstrating strong organizational skills, I facilitated safe student interactions and contributed significantly to project success. My background also includes a commitment to volunteering, where I have efficiently managed large donations, showcasing my ability to lead and inspire community engagement.

## SKILLS

- 3D Modeling/CAM (Onshape, Autodesk inventor)
- CNC Machining (100+ hours experience on a CAMaster Cobra)
- FDM 3D printing (experience with orcaslicer, creality slicer, bambu studio, makerbot print, and eiger)
- Beginner skills with Javascript, HTML, and CSS
- Intermediate skills in Python
- Presentation

## ROBOTICS SUMMER CAMP INSTRUCTOR

AMERICAN HERITAGE SCHOOL, PLANTATION FLORIDA

July 2022 - August 2024

- Worked four weeks each summer for three years
- Was responsible for teaching children ages 10-14 3d modeling on Onshape
- Was responsible for facilitating the safe drop-off and pickup of hundreds of children of various age groups (multiple camps)
- Oversaw and assisted with project and event planning
- Designed games and robot bases

## VOLUNTEER CRAIGS PANTRY, FORT LAUDERDALE, FL

August 2018 – May 2024

- Packaged and delivered food every other Sunday (hours of operation).
- Facilitated large donations to the charity from local community including hundreds of pounds of food and hundreds of articles of clothing