

MICHAEL BLAINE

JUNIOR MECHATRONICS ENGINEER

I have been sailing with my family for the last six years. We started in Florida and sailed to Australia, stopping at every island on the way. My hobby is building and tinkering. For the past three years I have been building complicated systems to challenge myself. I am self motivated and very interested in this field. I do not need to be taught everything, because I have learned how to do my own research to complete my projects. I am very excited about learning new things and I am extremely interested in this field.

SKILLS

- Programming in Python, HTML, and some C/C++
- CAD design with Fusion 360
- PCB design with Easy EDA
- Tons of experience with 3D printing
- Soldering, wiring, crimping, and other electrical work
- Tons of practice with tools and handy work.
- Basic computer skills like Linux, Windows, Exel, BOM files

EDUCATION

TEXAS A&M CORPUS CHRISTI

Bachelors of Mechanical Engineering

Currently enrolled for my first semester

HOME SCHOOL

I was home schooled on a sailboat, but most of my education comes from the projects I have completed. I had no experts that could help me so I had to figure everything out myself and through the internet. I have learned about a very wide range of engineering skills.

PROJECTS

- Converted a cheap 3D printer to print high-temp polymers when I was 14
- Designed and 3D printed dozens of parts for the boat
- Designed and Built a remote-controlled boat and car including the remote to control it with Arduino and a 3D printer at the age of 15
- Wrote 3 websites and 4 apps using python
- Designed, programmed, and built a 6 axis industrial style robot arm with a custom PCB in my room at 17.
- Designed a custom circuit board to automate many things in the boat over WIFI.

CONTACT

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