

## Ian Pichs

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### OBJECTIVE

Seeking a mechanical engineering internship exercising skills in design, analysis, research, and development

### EDUCATION

**University of Connecticut, Storrs, CT**  
*Bachelor of Science in Engineering, May 2025*  
Major: Mechanical Engineering

### WORK EXPERIENCE

**Puga & Associates International, Inc, Miami, FL**  
*Engineering Designer, May 2023 – Present*

- Designed mechanical electrical and plumbing (MEP) systems for commercial and private buildings using AutoCAD modeling software
- Provided energy and thermal calculations using Energy Gauge and Trace software
- Collaborated with a team to produce over 20+ approved MEP systems over a 3-month period
- Shadowed senior team members during site visits with the purpose of ensuring designs are properly understood and implemented

**Shore TV & Appliance, Old Saybrook, CT**  
*Sales Associate, May 2022 – January 2023*

- Front line sales at three different locations, setting up deliveries and accounts for customers
- Managed and collected payments on open orders
- Developed a repeat customer base employing friendly and helpful customer service
- Assisted service technicians, and made deliveries, with installations and removals

### ENGINEERING PROJECT EXPERIENCE

**Electric Boat Club - American Society of Naval Engineers, Storrs, CT**  
*Founding President, August 2023 – Present*

- Established the club at the University of Connecticut and acquired an affiliation from the American Society of Naval Engineers
- Created a growing network of aspiring engineers/undergraduate students
- Lead workshops on basic engineering software's and tools required to design, fabricate, and test electric propulsion systems, battery and receiver components, boat hulls and other nautical systems
- Oversee and manage all administrative and logistical components of the club

*Sophomore Mentee, January 2023 – May 2023*

- Assisted with the Senior Capstone Design Project: Promoting Electric Propulsion
- Produced an unmanned boat that utilized jet drives, electric motors, batteries, receiver and a controller
- Developed an effective propulsion system that was fully waterproof and designed a secure mounting system inside the hull of the boat

### ACTIVITIES

**Alpha Kappa Lambda, UConn, Storrs, CT**  
*Housing Chair, May 2023 – Present*

*Formal Chair, January 2023 – May 2023*

**Men's Club Rugby, UConn, Storrs, CT, August 2022 – January 2023**

### COMPUTER SKILLS

AutoCAD, SolidWorks, Energy Gauge, Trace, Microsoft Office, Ansys, MATLAB, LabVIEW