

# Nick DiPatri

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Current Address:  
531 South Van Buren Street Apt. 2  
Iowa City, IA 52240

Permanent Address:  
2015 Beechwood Avenue  
Wilmette, IL 60091

## Education

### The University of Iowa

*Bachelor of Science in Engineering, Major in Mechanical Engineering*

- Area of focus in Design, and earning Certificate in Naval Science and Technology

*Current Cumulative GPA: 3.33*

Iowa City, IA

May 2024

### New Trier High School

*Weighted GPA: 4.03 / 5.33*

- Earned Honor Roll Sophomore, Junior, and Senior Years

Winnetka, IL

June 2020

## Work Experience

### Engineering Student Success Center

*Leadership, Ethics, and Professional Pathways Mentor*

- Guide students completing the University of Iowa LEaPP scholar program through its requirements
- Schedule and present events and lectures for students in the LEaPP program
- Host meetings with students to establish goals and strategize how to accomplish them

Iowa City, IA

Sept 2022 - Present

### Internship with Naval Surface Warfare Center Carderock Division

*Naval Research Enterprise Internship Program Intern, Assigned to Code 8441 Weights & Stability*

- Developed a software for a user to input test parameters into USN SCHP faster and more accurately
- Gained experience in USN FCCS to learn how ships adapt to casualties and incidents
- Applied knowledge from school to real Naval Architecture situations
- Learned how a ship's stability and maneuverability requirements impact its design and planned maintenance
- Experienced the chain of command in engineering team

Carderock, MD

June 2023 - August 2023

### Northwestern University Sailing Center

*Instructor and Manager*

- Designed and instructed classes and camps of 20 adults or 30 youth on basic and intermediate sailing and windsurfing
- Applied experience gained through years of work to enforce safety policies and procedures
- Organized and led a rescue party when a situation could become unsafe, or an employee or patron is in danger
- Used experience to rig, maintain, and repair a diverse fleet of sailboats, powerboats, and beach equipment
- Applied medical knowledge when required to keep workplace safe and prevent injuries

Evanston, IL

May 2018 - June 2023

## Involvement and Activities

### University of Iowa Hawkeye Club Water Polo

*President and Travel Officer of Men's Team*

- Organize team travel to tournaments and host tournaments
- Manage team financials and strategize fundraising
- Network on behalf of the team to hire coaching staff and recruit team members

Iowa City, IA

Aug 2020 – January 2024

### Iowa Marine Autonomous Racing Club

*Member*

Iowa City, IA

Aug 2021 - Present

### New Trier High School Water Polo Team

*Captain of Varsity Team*

- State finalist junior year, officially captain senior year
- Illinois All-Sectional Athlete 1<sup>st</sup> team, Illinois All-State Athlete 2<sup>nd</sup> team
- Illinois Water Polo Scholar Athlete Award (June 2019 and June 2020)

Winnetka, IL

Feb 2015 - June 2020

### New Trier High School Swim Team

*Varsity Team Member*

- Illinois swimming Scholar Athlete Award (Feb 2020)

Winnetka, IL

Feb 2015 - June 2020

## Leadership Experiences

**University of Iowa:** Iowa Hawkeye Water Club Water Polo Team (President), HawkiLead Student Leadership Institute, Scholar Program of Leadership Ethics and Professional Pathways (LEaPP)

**New Trier High School:** Captain of Water Polo Team, Student Athlete Leadership Training Course

**Northwestern University Sailing Center:** Manager, Head Windsurfing Instructor

## Skills and Certifications

US DoD Secret level security clearance, USN Ship Hull Characteristics Program, USN Flooding Casualty Control Software, Excel, Word, PowerPoint, MS Office Suite, Group Management, PTC Creo, C++, and Python