

Kara Jurczak

Mechanical Engineering Student

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Education

Bachelor of Engineering in Mechanical Engineering

Concentration in Robotics and Autonomous Systems

Stevens Institute of Technology | Hoboken, NJ

Expected Graduation: May 2025

Awards:

Dean's list: Fall 2020 & Spring 2021

Coursework

- Multivariable Calculus
- Differential Equations
- Thermodynamics
- Fluid Dynamics
- Design of Machine Components
- Materials Processing

Relevant Experience

Spring 2023 - Present

Prototype Object Fabrication (ProOF) Lab Intern | Stevens Institute of Technology

- Operate and repair 3D printers and CNC machines
- 3D scanning and post-processing

Fall 2021 - Present

Theta Phi Alpha Gamma Chi Chapter | Stevens Institute of Technology

- Sisterhood Retreat Chair - Spring 2022
- Apparel Chair - Spring 2022
- Public Relations - Spring 2022 - Fall 2022
- Assistant Recruitment Chair - Spring 2023
- House Manager - Present

Fall 2016 - Spring 2020

FRC Team 1257 Safety Captain | Union County Magnet High School

- Performed first aid and accompanying documentation of any injuries that occurred
- Gave safety presentations and examinations to team members prior to each competition
- Ensured all members working in MakerSpace knew how to use equipment properly

Additional Skills

- AutoCAD
- Fusion360
- SolidWorks
- OnShape
- FlashPrint
- Cura
- Microsoft Office
- Google Suite