


# Seth Bywater

(845) 541-7716 

Also see [sethbywater.com](http://sethbywater.com)

[seth@sethbywater.com](mailto:seth@sethbywater.com) 

## Education

AUGUST 2019 – MAY 2022

### BT in Mechatronics Technology / SUNY Delhi

3.97 GPA, honor's student, student-athlete, on track to graduate early

## Technical Skills

### *Instrumentation Controls*

- Mechanical, electrical/electronic design
- Testing and analysis
- Hydraulic / pneumatic systems

### *Equipment*

- Electric motors
- VFD controllers
- PLCs
- Welding
- Control components

### *Software*

- AutoCAD / EPLAN
- SolidEdge / SolidWorks
- Studio 5000 / Ladder Logic
- Rust / C++ / Python
- Matlab
- Algorithms & data structures

## Sample Coursework

- Manufacturing & materials processing
- Statics and strengths of materials
- PLC / microcontrollers
- Welding
- Electric motor theory
- Engineering economics
- Specialty honor's coursework
- Electrical troubleshooting
- ANSI and ISO standards for drafting and design
- Geometric Dimensioning and Tolerancing
- Feedback and control systems
- Research and documentation
- Hydraulic / pneumatic design & troubleshooting

## Activities

President, Student Athlete Advisory Council at SUNY Delhi

SUNY Chancellor's Award recipient

Society of Manufacturing Engineers

National Honors Society

Cross Country / Track & Field (USCAA All-American)