


Seth Bywater

(845) 541-7716 

Also see sethbywater.com

seth@sethbywater.com 

Education

BT in Mechatronics Technology – SUNY Delhi

August 2019 – Expected December 2022

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

Experience

Barista – Starbucks

September 2020 – September 2021

Dealt with customers, made orders in a fast-paced environment, maintained inventory

Technical Skills

Instrumentation & Controls

- Electromechanical design & troubleshooting
- Hydraulic / pneumatic systems
- Testing and analysis
- Mechanical design

Equipment

- Electric motors
- Variable Frequency Drives
- Programmable Logic Controllers
- Welding
- Control components

Software

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

Sample Coursework

-
- Manufacturing & materials processing
 - Statics and strengths of materials
 - PLCs / microcontrollers
 - Welding
 - Engineering economics
 - Cybersecurity
 - Electrical troubleshooting
 - ANSI and ISO standards for drafting and design
 - Geometric Dimensioning and Tolerancing
 - Research and documentation
 - Hydraulic / pneumatic design & troubleshooting
 - Specialty honor's coursework

Activities

President, Student Athlete Advisory Council at SUNY Delhi (since Nov. 2019)

SUNY Chancellor's Award recipient (2020)

Society of Manufacturing Engineers

National Honors Society

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