

Benjamin Obrist

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EDUCATION

Binghamton University, State University of New York

Bachelor of Science in Mechanical Engineering

Expected May 2019

GPA: 3.44/4.00

Fayetteville-Manlius High School

June 2015

Honors Regents Diploma | AP Scholar | National Honor Society | Student Council Volunteer

GPA: 98.3/100

RELEVANT COURSES

Statics, Dynamics, Solid Mechanics, Circuits, Thermodynamics, Engineering Materials, Computer Aided Design, Heat Transfer

COMPUTER SKILLS

Extensive exposure using Creo, ANSYS Workbench, Solid Edge, Inventor, MATLAB, Navisworks, Arena, Microsoft Project

RELEVANT EXPERIENCE

Watson Senior Capstone Project, Binghamton, NY

August 2018 – Present

Combined Heat and Power (Co-Gen) Re-Design

- Conceptual and detailed re-design of a residential combined heat and power device in order to incorporate distinctly recognizable power and heating elements
- System testing in order to optimize the air-water mixture entering the coil to produce maximum heating efficiency
- Used Creo Parametric to model multiple system design iterations as well as to provide the customer with different aesthetic configurations

H.T. Lyons, Wappingers Falls, NY

May 2018 – August 2018

Project Engineer/Estimating Intern

- Assisted project managers and estimators with bids, RFP's, RFI's, design-build work, and ongoing projects pertaining to HVAC and process plumbing systems
- Processed submittals, change orders, and RFI's while also communicating with vendors and subcontractors throughout the bidding and estimation processes
- Job site visits to examine working conditions, take measurements for coordination drawings, and assess work progress

Evans Mechanical Inc., Endicott, NY

June 2017 – August 2017

Project Management Internship

- Assisted project managers on a day-to-day basis with bidding, managing projects, value-engineering, and executing mechanical contracts
- Extensive use of BIM software, including Navisworks, to help coordinate building systems on larger scale projects
- Exposure to HVAC, plumbing, hydronic, structural and as-built drawings
- Weekly job site visits on multiple projects to address areas of concern and to ensure that contracts are being completed in accordance to project schedules

Mechanical Contractors Association of America, Binghamton, NY

September 2016 – Present

President, Project Lead

- President of BU MCAA 2018-2019, Project Lead for BU MCAA 2017-2018
- Organize general body and E-board meetings, represent the club at national conventions, and spearhead multiple fundraising efforts throughout the year, including BU MCAA's annual golf tournament
- Create detailed bids for the execution of mechanical projects for MCAA's annual Student Chapter Competition

ADDITIONAL EXPERIENCE

Undergraduate Admissions, Binghamton, NY

January 2016 – Present

Front Desk Receptionist

- Answer questions from undergraduate and prospective students regarding academics, campus life, and university statistics
- Organize tour groups and mingle with parents in order to provide them with information on the university and the admissions process

Wegmans Food Markets, Dewitt, NY

April 2013 – Present

Front End Cashier

- Work directly with customers to cater to their needs and resolve any issues while upholding excellent customer service
- Responsible for keeping a balanced till and ensuring customer satisfaction

SKILLS AND INTERESTS

Skills: Computer Design and Modeling, Project Management, BIM Coordination, OSHA 10 Hour Certified

Interests: Soccer, Running, Movies, Hiking, Golfing