

Mitchell Wendt

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OBJECTIVE

Seeking a Chemical Engineering internship or co-op opportunity for the Summer 2017, Autumn 2017, and/or Spring 2017 terms. Open to relocation, or can commute if reasonably close to Canton or Columbus.

EDUCATION

The Ohio State University, Columbus, OH – began August 2015

- B.S. Chemical and Biomolecular Engineering with a polymer focus, Expected Graduation: May, 2019
- Minor in Computer and Information Science (CIS)
- Member of Green Engineering Scholars (GES) and Translating Engineering Research to K-8 (TEK8) Programs
- Overall GPA (4.00 scale): 3.98; Major GPA: 4.00

Jackson High School, Massillon, OH – Graduated May 2015

- Graduated with an additional degree with Jackson School for the Arts (JSA); Graduated with Honors
- GPA (4.00 scale, weighted): 4.70

RELATED EXPERIENCE

Research in the Hall Research Group at Koffolt Laboratories – Summer 2016 - present

- Ran simulations of diblock copolymer systems using LAMMPS and VMD. Set up outreach programs for K-8 students to learn about polymers, material properties, and simulations.

OSU Advanced Energy Vehicle (AEV) Project Team Leader – Spring 2016

- Worked as a team leader of 4 people where the product design process was followed to create an energy efficient, fan-propelled cargo system.

QUALIFICATIONS

Chemical and Technical:

- Able to work with C/C++, Python, Shell Script, LAMMPS, VMD, MATLAB, SolidWorks, and Microsoft Office on Windows, Mac OSX, or Linux Systems (visit <https://github.com/bassboink> to see code I have written)
- Laboratory experience with chemistry apparatus, including gas chromatographers, IR spectrometers, spectrophotometers, organic chemistry glassware, and centrifuges

Current and Past Coursework Includes:

- Chemistry/Physics: General Chemistry, General Physics, Organic Chemistry Series
- Engineering: Fundamentals of Engineering series, Chemical Engineering curriculum (Process Fundamentals)
- Mathematics: Calculus series, Differential Equations, Linear Algebra, Statistics
- Computer Science: Programming in MATLAB and C++, Data Structures
- Took an introductory Materials Science course in High School, covered stress/strain curves, polymerization, nomenclature and properties of common polymers, metallic crystalline properties and phase diagrams, etc.

HONORS AND ACTIVITIES

- Eagle Scout Award, April 2013. Eagle Project: Led building a fence at St. Michael the Archangel Church
- Member of the Ohio State University Men's Glee Club, University Chorus, Engineering Hometown Ambassadors, Second-year Transformational Experience Program (STEP), and Music Production Club
- Teams for Engineering and Applied Mathematics and Science (TEAMS) nationally qualifying team member

OTHER EXPERIENCE

Fisher's Foods, Canton, OH - Deli Kitchen Worker (May 2015 – August 2015)

- Worked 35 hrs/week, consistently worked the 4am shift.
- Made thousands of pounds per day of chicken/macaroni/potato salad and other deli specialty dishes