

ERIN ROBINSON

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Education

Virginia Tech

Blacksburg, VA

Bachelor of Science, Chemical Engineering, **GPA: 3.09/4.00**

Minors: Green Engineering

Graduation: May 2020

Concentrations: Business, Nuclear Engineering

Employment History

Evonik Corporation

Richmond, VA

Technical Intern, Business and Innovation Center: Household Care Business Line

May 2018 – August 2018

- Worked on a variety of projects to integrate microemulsion containing biosurfactants into more common use in products

Oak Ridge National Laboratory

Oak Ridge, TN

Research Intern, Higher Education Research Experiences (HERE)

May 2017 – August 2017

- Studied to develop a specific adhesive, surface preparation technique for the HVAC&R market
- Examined refrigerant flow to determine safe methods of utilizing flammable refrigerants

Robeks

Fairfax, VA

Managing Assistant

October 2015 – July 2016

- Managed security system, secured company valuables, accounted for profits, and cleaned the store and utilities individually, taking on responsibilities independently and efficiently

Sweetberry

Fairfax, VA

Customer Service Employee

June 2015 – October 2015

- Contributed to the employee team by fulfilling the duties of cleaning the restaurant, taking orders, baking, and cooking; ensured customers were satisfied

Skills

Engineering Computer Software: MATLAB, Inventor, AutoCAD, MS Excel, MS Word, MS PowerPoint, MS One Note, MS Publisher, Windows 10, OSX Mac

Laboratory Equipment: UV-Vis spectrophotometer, Gas Chromatography Mass spectroscopy, Atomic Absorption Spectroscopy, Neutron Beam - Neutron Imaging, Heat Pumps, Heat Exchangers, Specialized Product Apparatuses

Leadership Positions

Committee Head, Tutoring: Chemistry Learning Center

May 2018 – present

- Head of tutoring for the chemistry learning center at Virginia Tech and tutored 6 hours a week

SEC and SGA Representative, AIChE

May 2018 – present

- Communicate for the American Institute of Chemical Engineers at Student Engineers' Council and Student Government assemblies weekly

Member, Honor Panel of Virginia Tech

August 2017 – present

- Take part in hearing panels for honor code violations determine how to handle each case to uphold the university's academic integrity

Volunteer Experience

Volunteer, Fieldstone Food Distribution

September 2017 – present

Volunteer, Habitat for Humanity

September 2014 – present

Extracurricular Activities:

Alpha Chi Sigma Professional Fraternity

September 2017 – present

Student Engineers' Council

August 2016 – present

Society of Women Engineers at Virginia Tech

August 2016 – present

VT American Institute of Chemical Engineers Member

August 2016 – present

Running Club at Virginia Tech

August 2016 – present

Snow Club at Virginia Tech

August 2017 – present

Honors and Awards

Dean's List with Distinction

2016

Virginia Seal of Bi-literacy from the Virginia Board of Education, Spanish

received 2016, still valid