

William H. Ferrell IV

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Objective

To obtain an internship in the field of Chemical Engineering for the summer of 2013.

Education

The Pennsylvania State University

August, 2012-Present

- ❖ Intended Chemical Engineering BS
- ❖ Expected Graduation Date: May 2016
- ❖ GPA- N/A

Freedom High School

August, 2008-June 2012

- ❖ Advanced Studies Diploma
- ❖ Cumulative GPA: 3.82/4.0

Relevant Experience

Smithsonian Tree Banding Project

March-May, 2012

- ❖ Assisted in banding trees and collecting data used to monitor how trees respond to climate change
- ❖ Synthesized data onto excel spreadsheets
- ❖ Classified tree species

Independent Basic Observation Buoy (B.O.B)

January-June, 2010

- ❖ Gathered data, including but not limited to; water temperature, salinity, dissolved oxygen, and pH, to determine the health of surrounding waterways
- ❖ Cleaned and maintained equipment used for measurements

Advanced Placement Chemistry

August-May, 2011

- ❖ Produced both Organic and Inorganic compounds through calculations and mixtures for use in high school labs

Awards and Activities

Sports and Music

- ❖ Co-Captained the Varsity Golf team Senior Year
- ❖ Played on Varsity team for 5 years
- ❖ Placed 4th in the district championship and earned 1st team All-District
- ❖ Golf Team coaches award for the 2009, the 2010, and the 2011 seasons
- ❖ Performed with the high school Jazz Band, Youth Orchestra, and Concert Band as pianist, violinist, and percussionist
- ❖ Participated in Blue Grass bands
- ❖ Recorded songs in a professional studio

Honor Societies/Clubs and organizations

- ❖ Engineers Without Borders
 - Water project, Local Projects, and Fundraising
- ❖ Engineering Society for International Outreach
- ❖ Students Space Laboratory Program
- ❖ Penn State Song Writers Club
- ❖ Member of the National Math Honor Society
 - Tutored members of the student body in math from basic algebra to calculus
- ❖ Member of the Science National Honor Society
 - Judged and graded science fair projects from elementary to high school level