

Madison Alvarez

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EDUCATION

Bachelor of Science, Environmental Engineering Expected May 2020
University of Cincinnati, Cincinnati, Ohio

- GPA 3.597/4.0

Spanish Language Minor Expected May 2020

RELATED EXPERIENCE

Hong Kong Polytechnic University May 2018-August 2018
Hong Kong, Special Administrative Region, China

Environmental Engineering Co-Op

- Collaborated in a multi-cultural environment and gained experience in workplace diversity
- Co-Authored and edited a 70-page scientific review paper
- Analyzed and sampled water from multiple wastewater treatment plants
- Surveyed for and computed statistics on the performance of 40 students

GE Aviation-

Lynn, Massachusetts

August 2017-November 2017

Jacksonville, Florida

January 2017-April 2017

Engineering/Environmental Health and Safety (EHS) Co-Op

- Overhauled and authored site-wide employee onboarding documents and 135-page manual
- Designed an Excel management system for 5 years of past audits and all future years
- Created and implemented safety compliance system for over 535 pieces of equipment
- Composed and digitized safety inspection checklists for 28 different departments
- Communicated with and trained over 35 safety representatives

Honors Student Ambassador: Palapye, Botswana

August 2017

Study Abroad: Madrid, Spain

May-June 2016

AWARDS & ACCOMPLISHMENTS

Darwin T Turner Scholarship August 2015-April 2020

- Diversity scholarship awarded by the University of Cincinnati for full tuition and fees

Cincinnati Scholarship

August 2015-April 2020

INVOLVEMENT & ACTIVITIES

UC GEO President and Founder

August 2017- present

- An international collaboration focusing on interdisciplinary humanitarian projects

Habitat for Humanity President

August 2016-present

University of Cincinnati Aspire Scholar

February 2017- present

- Awarded by the office of Nationally Competitive Awards to select Honors students

College of Engineering and Applied Sciences Ambassador

October 2016-present

Chi Omega Fraternity

September 2016-present

University of Cincinnati Symphonic Orchestra

August 2015-present