

Hannah Aris • CPK 318, 1000 Hilltop Circle, Baltimore, MD 21250 • haris2@umbc.edu

Education: University of Maryland Baltimore County, Baltimore, MD

Bachelor of Science in Biochemical Engineering, Chemical Engineering

Minor in International Affairs

Expected Graduation Date: Spring 2018

Major G.P.A.: 4.00

Non-Major G.P.A.: 3.92

Skills:

Autodesk Inventor (Advanced)

Windows Movie Maker (Advanced)

VEX Programming with RobotC (Proficient)

Microsoft Office (Advanced)

MATLAB (Proficient)

Fluent in Spanish

Profficient with most Lab Equipment

Honors & Awards:

Center for Women in Technology (CWIT)
Scholar

National Finalist in the **National History Day Competition** for Research Paper on the Rwandan Genocide

Honors College Member

Frederick Douglass and Susan B. Anthony Award Winner

Normandy Scholar Class of 2013

Projects:

-*Phosphorous Extraction from Poultry Litter to Be Used in Inorganic Fertilizer*; Part of Undergraduate Research in Dr. Lee Blaney's Lab

-*Nitrogen Reducing, Solar Powered Filter for the Chesapeake Bay*; Oral Presentation with Power Point presented to local Engineers and Engineering Teachers (2013-2014)

Relevant Coursework:

-Introduction to Engineering

-Chemical Engineering Analysis

-*Project Lead the Way (PLTW)* Pathway Completion (Engineering and Design, Principles of Engineering, Digital Electronics, Engineering Design and Development)

Experience:

Undergraduate Researcher in Chemical/Environmental Engineering Lab (2015-)

Mentorship with an Accredited Architect (2013-2014)

Resident Assistant (RA) (2015-)

Extracurricular:

Vice President of Student Affairs for the **CWIT Student Council** (2015-)

Global Brigades, Director of Finance and CHARLA Director

--Previously the **Freshman Representative** (2014-15)

Society of Women Engineers (**SWE**)

RA Representative of Chesapeake Hall's **Community Council** (2015-)

UMBC **Varsity Cross Country** and **Track and Field**

--Previously the **Secretary** (2014-15)

Resident Assistant at UMBC

American Institute of Chemical Engineers (**AIChE**)

MESA 3-Time State Qualifier

Astronomy Club Member

Community Service/ Involvement:

-**E-Mentor** for high school females aspiring to become Engineers

-**Demonstrated possibilities of Digital Engineering to my community** at Science and Engineering Expo

-Volunteer **Manager for Youth Basketball and Soccer Leagues**

-**Lead Actress** in County **Health Department's PSA** about available help for abusive relationships

-**Volunteer** with Patapsco Heritage Greenway