

CAROL C. COUGAR

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SUMMARY OF QUALIFICATIONS

- Highly motivated, innovative, versatile employee and student with a diverse range of educational and workplace experiences as indicated below.
- Possess a wide range of experience gained through work in a chemical engineering laboratory, humanitarian aid work, and work in customer service.
- Excellent communicator and critical thinker, who is hard-working and passionate about engineering ways to make the world a better place (see Community Service).

EDUCATION

- ✦ **Bachelor of Science in Chemical Engineering** **Expected: May 2019**
Washington State University, Pullman, WA
3.8 G.P.A. – President's Honor Roll
- ✦ **Boeing Scholars Program, Pullman, WA** 2017 - 2019
Engineering Scholarship Recipient
- ✦ **Everett Community College, Everett, WA** 2016
Associate of Applied Science/Pre-Engineering, with Distinction
3.6 G.P.A. – Dean's List

SKILLS

- ✦ **MatLab**, CAD, Microsoft Office Suite, C, Visio, Minitab

ENGINEERING PROJECTS

- ✦ **Washington State University, Pullman, WA** **May 2016 - Present**
Gene & Linda Voiland School of Chemical Engineering and Bioengineering
 - Conducted research to interpret the mechanisms behind the use of catalysts in reducing emissions associated with lean-burn engines.
 - Worked independently to utilize Vienna Ab-Initio Simulation Package (VASP); implemented density functional theory calculations daily to analyze molecular structures.
 - Demonstrated effective presentation skills of ideas and results using **PowerPoint**.
 - Ability to connect with people from diverse academic backgrounds through strong communication and teamwork skills, problem solving and creativity.

COMMUNITY SERVICE

- ✦ **International Volunteer Headquarters, Gioto Garbage Slum Project, Kenya** **Dec 2012- Feb 2013**
 - Volunteer fundraiser; raised \$1,230 for scholarships for elementary school children in Kenya
 - Funds raised helped children buy needed school books and supplies
 - Executed and implemented well-planned fundraising events; communicated effectively to a diverse population of co-workers and Kenyan families.

OTHER EXPERIENCE

- ✦ **Hanson Professional Services, Inc., Bellevue, WA** **Jun 2016 - Aug 2016**
 - Civil Engineering intern assisting 3 units in engineering, planning, and allied services.
 - Organized project plans; primary liaison between units using effective communication
 - Extensive use of Excel including pivot tables; familiarity with autoCAD.
- ✦ **Starbucks Coffee Company, Snohomish, WA** **May 2009 - Jun 2016**
 - Demonstrated ability to connect with a diverse array of customers;
 - Effective team communicator;
 - Strong multitasker able to juggle two roles simultaneously;
 - Steadfast; adhere to company standards and demonstrated long-term commitment to the company