Josephine Mills
Electrical and Computer Engineer

EDUCATION

August 2016- May 2020

Bachelor of Science — Electrical and Computer Engineering
University of Arizona — Tucson, AZ
- Honors College — GPA 3.85
- Dean's List 2016, 2017, 2018, 2019
- Tau Beta Pi — Higher Engineering Honor Society— top eighth of class
- Arizona Excellence Scholarship Award

September 2018- December 2018

Semester at Sea
Circumnavigated the globe
- Alumni Support Scholarship covering $5,000
- World travel to 11 countries on 4 continents by ship with 450 students from 190 universities
- Interacted with people and cultures around the world while taking 12 college credits
- Won 3rd in "Shark Tank" Competition; created business plan for renewable energy company premised upon floating solar panel concept

EXPERIENCE

August 2019- May 2020

Senior Design Capstone Project
Wave Generator for Biosphere 2 — Tucson, AZ
- Contributing ideas to reengineer ocean wave generator to improve reliability and durability
- Designing GUI and controller code for overall system
- Working with team of five other engineers from three different areas of focus

May 2018- September 2018

South Restaurant + Coffeehouse
Accounting Dept. / Office Admin. — Anchorage, AK
- Reconciled daily revenues for $6 million restaurant, bar, coffee shop
- Reviewed and analyzed staff work patterns based on duties and expectations

May 2017- June 2017

United States Senate
Intern for Dan Sullivan, US Senator from AK — Washington DC
- Worked closely with Senator Sullivan's team in a collaborative fashion to complete projects with tight deadlines in a fast-paced environment

ACTIVITIES AND VOLUNTEER

August 2016- Present

Kappa Kappa Gamma Sorority
University of Arizona Gamma Zeta Chapter
- Participated in active campus organization with many fundraising events
- Completed 56+ hours of community service

September 2018

Senase Homestay Volunteer Network
Volunteer— Senase, Ghana
- Taught elementary students in classroom
- Repainted school playground and surrounding fence

CONTACT

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SKILLS

Teamwork

Time management

Problem solving

Leadership

Creativity

Enthusiastic

Motivated

Analytic thinking

Ability to work under pressure

SOFTWARE

C

C++

Github

JavaScript

Java

Linux

HTML

CSS

Verilog

Assembly Language (MIPS)

Android Studio

MATLAB

INTERESTS

- Traveling
- Salmon Fishing on Kenai River, Alaska
- Half-marathon runner