# **PAULA E. MERR**

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EDUCATION Carnegie Mellon University

Bachelor of Science in Chemical Engineering Secondary Major in Biomedical Engineering

GPA: 3.15/4.00

**San Francisco High School** 

San Francisco, CA

High School Diploma GPA 3.82/4.00 June 20XX

Pittsburgh, PA

May 20XX

**PROJECTS** 

### **Capsaicin Analysis Project, Chemistry Lab**

Spring 20XX

- Designed and performed an experiment to determine the quantity of capsaicin in peppers and salsas using reversed-phase HPLC.
- Presented findings to a class size of 50+ students to educate them on the critical components of the process.

### **Chemical Engineering Filtration System**

Fall 20XX

- Partnered with a team of 4 other students to design a filtration system to remove dye from water, increasing water safety.
- Identified new, cost-effective materials and reduced operating costs by 3%.

WORK EXPERIENCE

## **Carnegie Mellon University Career Center**

Pittsburgh, PA

Career Peer Mentor

Spring 20XX – Present

- Conduct 1-on-1 resume reviews with first-year students to educate them on resume formatting and content creation.
- Create career-related handouts and research tools to facilitate internship searches.

YMCA Camp San Jose, CA

Camp Counselor

Summers 20XX - 20XX

- Coordinated the daily activities of 22 children to encourage social learning.
- Collaborated with other camp counselors to plan weekly events.

#### **LEADERSHIP**

#### **Vice President, American Institute of Chemical Engineers**

20XX - Present

- Organize monthly speaker series featuring corporate and alumni panelists.
- Engage 150 members to attend events with marketing and social media campaigns.

**SKILLS** 

**Laboratory:** HPLC, Organic Synthesis & Purification, Gas Absorber, Rheometer **Computer:** MathCAD, MATLAB, SIMULINK, ImageJ, AutoSketch, MS Office

Spoken Languages: Fluent in Spanish; Conversant in French

**ACTIVITIES** 

Alpha Beta Gamma Women's Fraternity

20XX - Present

Intramural Soccer

20XX – Present

American Institute of Chemical Engineers

20XX - Present

**HONORS** 

College of Engineering Dean's List (GPA 3.75 and above)

Spring 20XX

Andrew Carnegie Scholarship

Fall 20XX – Present

Valedictorian, San Francisco High School

June 20XX