

CATHERINE “CARMEN” POLZIN

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OBJECTIVE STATEMENT

To find summer employment that would allow me to work within my professional field of interest (computer science), grow my computer science and leadership skills, utilize my talents in new and different ways, and gain real world experience.

SUMMARY OF QUALIFICATION

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| • Board Experience | • Problem Solver | • Endless Curiosity of Science |
| • Basic knowledge of SQL, JavaScript, Python, C, data moment patterns, Frontend and Backend Code Development | • Intermediate knowledge of: coding using Machine Code, Assembly Language | • Intermediate knowledge of Java, HTML, CSS, Junit Testing, Bash Script, Graphical User Interfacing |
| | • Knowledge in all Microsoft Office applications | |

EDUCATION

University of Wisconsin – Madison, WI – Computer Science Major Expected Graduation: 6/2024

- Greek Affiliation: Tri Delta. Membership Committee, DEI Committee

Holy Names Academy, Seattle, WA.

Class of 2020

- Women Advancing Tomorrow's Technologies – 4 years, 1 year as Co-President
- Varsity & JV Basketball – 4 years + Captain 2 years
- Varsity Swim Team - 2 years

EMPLOYMENT HISTORY

Women Advancing in Tomorrow's Technologies Nonprofit (WATT) – Board Member, Co- President 2018-Current

- Helped developed plan to acquire nonprofit status
- Communicated to different organizations in Seattle area about implementing WATT in schools
- Helped communicate with companies and organization such as (NCWIT) to help gain funding for organization
- Developed self-taught HTML skills to create course curriculum for basic level HTML training for elementary school girls

Pacific Science Center, Seattle, WA –

Lead Teacher

June 2021- August 2021

Assistant Teacher

July 2017- August 2020

- Created and executed science-oriented lesson plans to ensure the appropriateness of material to age group and help campers connect to the science behind the activities.
- Executed science-oriented curriculum including problem solving issues involving logic and object-oriented thinking while guiding campers through the scientific process.
- Worked with supervisors to improve customer service aspect of camps in communicating with parents of campers.

Childcare, Various Families – Babysitter

2013- Current

- Provided full suite of childcare activities including meal preparation, assisting with homework, providing & participating indoor/outdoor fun activities, shuttling to/from lessons, and establishing bedtime rituals.

VOLUNTEER WORK

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|--|----------------|
| • Aegis Living: <i>Volunteer in the Memory Care Unit</i> | 2018- on going |
| • Water First Youth Board: <i>Youth board plus participation in several events</i> | 2015 - 2019 |
| • Down Syndrome Community Events: <i>Volunteer</i> | 2015 - Current |
| • Girls on the Run: <i>Volunteer Coordinator</i> | 2019 |

INTERESTS

- | | | |
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| • Basketball/Sports | • Computer Science/Artificial intelligence | • Technology Consulting |
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