Alexandra (Sasha) Nikitn

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EDUCATION

University of Wisconsin-Madison, Madison, Wisconsin   May 2027
- Bachelor of Science in Computer Science and Data Science (Freshman)
- Dean's List   •   GPA 4.0

Canyon Crest Academy, San Diego, California   June 2023
- GPA 4.2

EXPERIENCE

University of Wisconsin-Madison, Madison, Wisconsin
Lifeguard   September 2023 - Present
- Supervise swimming activities, enforce safety procedures, and inspect facilities.
- Ensure compliance with pool regulations, resulting in enhanced water safety.

DRS Daylight Solutions, San Diego, California
Software Development Intern   January 2023 - June 2023
- Designed and implemented an inventory object detection system in collaboration with a cross-functional team of 4, reducing sorting time by 60%.
- Created Gantt charts and documentation to ensure project milestones were met efficiently.
- Built Java integration with camera viewer to identify objects and compare database images in SQL to HTML/CSS to present viewer reports on sorting.
- Experience in Google Colab, including front-end (HTML, CSS, JavaScript) and back-end (Python) technologies.
- Conducted testing and troubleshooting to improve system accuracy and efficiency.

The Bay Club Company, San Diego, California
Swimming Instructor/Lifeguard   February 2023 - August 2023
- Delivered personalized swimming instructions to a diverse clientele, providing corrective feedback resulting in a 50% improvement in stroke technique.
- Enforced pool regulations and enhanced overall customer satisfaction.

Self-Employed, San Diego, California
Math Tutor   August 2019- Present
- Develop a customized math curriculum for 6 elementary and middle school kids.
- Successfully guided 7 students in improving their math grades from Cs to As through targeted tutoring.
- Effectively managed communication with both parents and students to ensure a productive learning environment.

LEADERSHIP & COMMUNITY INVOLVEMENT

Computers 2 Kids, San Diego, California
Volunteer   August 2019 - August 2023
- Refurbished and tested 150+ computers for families in need
- Volunteered 3+ hours most weekends
- Prepared reports on the status of devices, and communicated progress to the supervisor
- Organized my local community E-waste recycling drive

Tutors for Change, San Diego, California
Volunteer   June 2020 - August 2023
- Virtual tutoring of English and Math to underserved kids in the U.S.
- Developed curriculum and communicated progress to parents

Outpost Camp, San Diego, California
*Volunteer (*170+ community service hours)   June 2020 – July 2020
- Selected for a leadership program guiding a group of 12 kids
- Encouraged campers to become a team and ensured that each day is both exciting and safe
- Built important skills including problem-solving, communication, teamwork, group facilitation, and creative thinking
- Received personalized evaluation to encourage progress and growth

TECHNICAL SKILLS:
- Beginner Java, Python, HTML, CSS, JavaScript
- Tools: Microsoft Suite, Wireframe, Photoshop, GitLab, Arduino, Visual Studio Code

MEMBERSHIPS/CERTIFICATIONS

Alpha Omega Epsilon, engineering professional sorority member	Data Science and Software Engineering club member
Society of Women Engineers member	Lifeguarding, First Aid, CPR, AED certificate