

Ajith Mathew

Education

- **University of Nevada, Reno, College of Engineering** Reno, NV
Bachelor of Science in Environmental Engineering Graduation May 2024
GPA: 3.84, National Merit Scholar
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Experience

- **Manhard Consulting – Reno, NV – Design Technician Intern** *June 2023 - Present*
 - Draft plot plans engineering plan sets using Civil 3D
 - Assist professional engineers in residential, commercial, and industrial design projects
 - Perform on-site drainage certification checks at project locations
 - Address client comment letters and revise plans accordingly
 - **Disinfectant Byproduct Formation Lab – Reno, NV – Research Assistant** *May 2022 – June 2023*
 - Worked in a team of graduate students and professors to research chlorine disinfection byproducts
 - Extracted DBPs from samples and concentrated them for further measuring and analysis
 - Tested 30-50 samples a week
 - Prepared material and equipment and performed routine laboratory cleaning
 - **Quality Engineering Solutions – Reno, NV – Rating Technician** *Feb 2021 – May 2023*
 - Ensured road quality by identifying pavement distresses through digital imaging
 - Compiled and organized distress data using Fugro-Vision software
 - Identified, categorized, and assessed issues based on a set of regulations
 - Independent and self-managed progress
 - **Battle Born Kids & Teens – Henderson, NV – Recreation Assistant** *May 2019 - Aug 2020*
 - Coordinated large groups of children through a variety of activities and events
 - Conducted and oversaw recreational programs for customers
 - Trained new staff and volunteers in child management and rule enforcement
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Technical Skills

- **Programs**
 - Microsoft Office, AutoCAD, Civil 3D, MATLAB, Fugro-Vision
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Organizations

- **Boy Scouts of America**
 - Eagle Scout
 - Planned and executed an Eagle Scout Project to repaint old fire lanes in the community
 - Managed reports, budgets, and delegated responsibilities to a group of 23 volunteers
- **Theta Tau | Rho Delta Chapter | University of Nevada, Reno**
 - Professional Co-ed Engineering Fraternity
 - Professional Development Chair Head (Fall 2023)
 - Hosted events to improve the professionalism of members and their career opportunities

*References available upon request