

Application Form**Notice of Public Record**

Please be advised that all information contained in this application is part of the City of Reno's public record and is available for public review. These positions are limited, in most cases, to residents of the City of Reno. The City Council makes a conscientious effort to appoint persons who represent all of the various communities within the City of Reno. Please be advised that certain boards and commissions require filing of financial statements with the Secretary of State or have special requirements. Contact the City Clerk's office at 334-2030 with any questions.

Profile

Eegan

First Name

Ram

Last Name

Middle Initial

eramrnnv@gmail.com

Email Address

1840 Wind Walker Drive

Home Address

Suite or Apt

Reno

City

NV

State

89521

Postal Code

What ward do you live in? *☒ Ward 3

Mobile: (972) 342-7452

Primary Phone

Alternate Phone

How long have you been a resident of the City of Reno?

2 years

Are you over 18 years of age?☐ Yes ☒ No**Are you currently registered to vote in the City of Reno? ***☒ No

Employer

Job Title

Which Boards would you like to apply for?

Youth City Council: Submitted

Have you ever been convicted of a felony or misdemeanor other than minor traffic violations?

☐ Yes ☒ No

If yes, please list conviction dates and nature:

Interests & Experiences

Education or training relevant to the board or commission to which you are applying:

Education and Training: * Community Service and Volunteering for youth programs in Reno. * Prior experience as a Student Council leader, leading a student body of around 200 students. * Excellent speech and debate skills, trained over 4 years. * Founder and editor of Student News Now - news journal focused to engage middle and high school students discussing student relevant topics in environment, politics, economics, public affairs and world affairs. * Junior at Davidson Academy, Reno

Explain briefly why you would like to be appointed to this board or commission.

My primary interests are youth education and environmental protection for future generations to survive and thrive. Youth educational outcome in Nevada is lagging compared to other states. I strongly believe the problem can be solved by the youth itself in Reno. In the past year, I led more than 30 NASA ASTRO CAMPS with my friends in the Reno area to teach 500 underserved 6-13-year-old students. The camp curriculum includes basic science, astrophysics, and engineering concepts explained through simple hands-on activities, allowing them to connect their knowledge of what they have been doing to broader STEM (Science, Technology, Engineering, Math) fields. For example, I have had participants build models of the JWST telescope, batteries, and truss structures used on the ISS (International Space Station) to understand all of the various subsystems that are being used in space and to introduce them to the engineering design process and math used in the sciences. I loved to see kids have fun building these projects, and it's fascinating to see how many of them, despite never experiencing the opportunity to conduct similar activities in their school classes, already had amazing intuition for advanced science concepts like load distribution, movement, and drag. My favorite moment was seeing the kids with truss designs I never thought of, certainly different from what is normally used, that worked nonetheless for the design constraints they placed upon themselves. That experience proved to me how easy it is to teach and inspire young children when you give them a few tidbits of knowledge and resources to apply their intuition. They did not perceive this as classroom education, but rather a fun activity while learning life skills and advanced science. The sparkle in their eyes inspires me to do more. I would love to expand such programs with the help of young teen volunteers, who could spark interest in the younger generation while they have no aversion to education. I like to join Youth Council to develop such programs with the help of council leaders. Since encouraging learning is important to me, I also developed a WebApp known as AliveNevada to help people in Reno learn about wildlife in our areas, collect data on migratory patterns due to the frequency of natural disasters in the Reno-Tahoe area, as well as to track invasive species and pollution. The citizen-gathered data advises community organizations when they figure out places to coordinate conservation efforts. I also hope to collate the animal migration data to send to researchers studying the local wildlife to support their research and enable them to draw new insights. I am motivated to expand such opportunities and develop programs. I aspire to build relationships with city council leaders and collaborate with them to scale such programs to broaden the horizon for younger generation in Reno.

EeganR_Resume.pdf

Upload a Resume

Open Meeting Law Waiver

WAIVER OF NOTICE REQUIRED UNDER NRS 241.033(1) TO ALLOW CITY COUNCIL TO CONSIDER CHARACTER, MISCONDUCT, OR COMPETENCE OF PERSON TO BE APPOINTED TO A BOARD, COMMISSION, OR OTHER PUBLIC BODY FOR THE CITY OF RENO

The City Council for the City of Reno will be considering on a future posted agenda your appointment to a board, commission or other public body for the City of Reno. Pursuant to NRS 241.033(1), in order to consider the professional competence of an applicant, notice need be provided to that person of the time and place of the meeting in compliance with such statutory provisions. By agreeing below, it is confirmed that I have been provided notice of the meeting at which my appointment will be considered by City Council. Further, I knowingly and voluntarily am waiving my rights to all written notice requirements under NRS 241.033(1) pertaining to my qualifications, competence, and character to hold this appointment and consent to the evaluation of my character and competence by the Reno City Council in a public meeting. Further, the I acknowledge that I may at any time withdraw both this waiver and related application for appointment.

☒ I Agree

Question applies to Youth City Council

Signature of Parent or Guardian

If applicant is under 18:

Question applies to Youth City Council

Parent or Guardian Name

Nandhini Sampath

Question applies to Youth City Council

I acknowledge that I have read the Waiver above and allow my child to participate in the Reno Youth City Council.

☒ I Agree

Acknowledgement

Please Agree with the Following Statement

I certify that, to the best of my knowledge, the information I provided in the application is true. If the information provided is false or incomplete, it shall be sufficient cause for disqualification or removal. If appointed, I agree to attend a board or commission orientation session, if applicable, within six months of my appointment. I understand that failure to comply with this requirement will results in automatic removal from the board or commission.

☒ **I Agree**

Eegan Ram

Junior At Davidson Academy of Nevada, Dual Enrollment at UNR, Undergraduate Research Assistant at Weinstein Lab (UNR), Data Science Software Engineer at AI Camp.

1840 Wind Walker Dr.,
Reno, NV 89521
eramrnv@gmail.com

WORK EXPERIENCE

Weinstein Lab, Nevada — *Research Assistant*

February 2022 - PRESENT

Configured lab hardware and developed custom software to assist with photon counting, error correction, and enabling unique/flexible experimental design while also conducting spin-state calculations to justify experimental methods.

AI Camp, California — *Software Engineer (paid)*

August 2021 - PRESENT

Working on using Data Science to optimize and automate servers for AI Camp. These processes were done using Python in AWS, Docker, nginx, and airflow servers.

LinkHS, California — *Research Assistant*

June 2022 - September 2022

Developed a frontend system that incorporates various APIs and ML classification models to find and recommend jobs and internships to teenagers.

AI Camp, California — *Data Analyst (paid)*

October 2020 - June 2021

Utilized Data Analysis techniques for market analysis, to reach customers for the company's marketing strategy. Used Python and libraries such as Pandas and Numpy to gather and analyze the company's data.

VOLUNTEER EXPERIENCE

NASA Astro Camp, Nevada — *Lead Facilitator*

June 2022 - PRESENT

Ran several NASA Astro Camps that brought STEM education about engineering & astrophysics to elementary school children in the Reno area.

EDUCATION

Davidson Academy, Nevada — *High School*

August 2020 - May 2024

Relevant Coursework: Advanced Physics, Calculus I/II, Introduction to Research,

SKILLS

Computational Physics

Data Analysis with R, Python, SQL, IGV

Java Programming

Activities

FTC 21217 (Robotics), Programming Lead

Physics Club, President (10/11th)

Cybersecurity Club

Music Ensemble - Alto Saxophone

STANDARDIZED TEST SCORES

PSAT/NMSQT - 1510 (99th percentile),
Fall 2022

LANGUAGES

English, Mandarin

AWARDS

Congressional App Challenge Winner,
Nevada (2nd place)

Presidential Volunteer Service Award
(PVSA)

Study of Exceptional Talent (SET)
Johns Hopkins University

Grand Honors Award
Johns Hopkins University

Biology, Chemistry, British Literature, Chinese II. Student Aide for American Literature and Chinese I.

University of Nevada, Reno — *Dual Enrollment*

August 2020 - May 2024

Relevant Coursework: PHYS 301 (Math Methods in Physics), PHYS 182 (Optics, Relativity), MATH 283 (Multivariable Calc), ECON 261 & ECON 262 (Principles of Statistics I and II), Econ 100, 102, 103, CHS 200 (Public Health Biology).

Stanford Online High School, California — *Dual Enrollment*

August 2018 - May 2021

Honors Physics, AP Computer Science.

PROJECTS

AliveNevada — WebApp

Created the AliveNevada WebApp to utilize computer vision algorithms in assisting with gathering conservation data for research on individuals' phones.

Carbon Nanotubes in Imaging and Drug Delivery — Meta Analysis *Research Paper*

Worked during Spring 2021 for presentation at the UNR Undergraduate Research Symposium. Used R to analyze a UC Irvine dataset generated using CASTEP.

Simplified Genomics Viewer — Genomic Analysis Program

Developed a program to use Machine Learning to better identify and categorize mutations in the samples of the spike protein in many diseases. Used Python and Java to develop the application. Done at the MirCore Summer program for Computational Biology.

Student News Now — Founder and Editor

Newsletter focused on current affairs, politics and economics from student's perspective

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Further, the undersigned acknowledges that he may at any time withdraw both this waiver and related application for appointment.

Dated this 6th day of February, 2023.

Name of Board, Commission or Other Public Body to which the undersigned is seeking

City Council's consideration: Youth City Council
(Board/Commission/Public Body)

Signature of Applicant: Eegan L.

By: Eegan Ram
(Printed Name of Applicant)

Signature of Parent or Guardian
If applicant is under 18: Nandhini S
NANDHINI SAMPATH