EDUCATION

University of Nevada, Reno – Expected Graduation May 2021

* Bachelor of Science in Applied Mathematics
* Minor in Computer Science and Engineering
* Cumulative GPA 3.84
* College of Science Dean’s List
* College of Engineering Dean’s List

MATHEMATICS AND COMPUTER SCIENCE EXPERIENCE

* Completed coursework up to Calculus III, Differential Equations, Linear Algebra, Introductory Proofs & Analysis
* Conducted research exploring various mathematical models with an application to various biological disciplines
* Proficient in C/C++ programming at a university level
* Self-taught in basic R programming

RESEARCH EXPERIENCE

University of Nevada, Reno – Aug. 2018 - Present

Undergraduate Researcher in the Department of Mathematics and Statistics

* Exploring possible mathematical models for gene regulatory networks
* Investigating Boolean networks, differential equation/probability models
* Using statistics and analysis to explain biological patterns

PROFESSIONAL EXPERIENCE

Wineman Dental - July 2016 - August 2018

Receptionist/Scheduling Coordinator

* Managed patient profiles via Dentrix G6 software
* Created datasheets using Microsoft Excel
* Completed insurance plan breakdowns for individual patients
* Created daily deposits
* Calculated copays for treatment
* Arranged treatment plans for patients

VOLUNTEER SERVICES

Nevada Museum of Art – September 2017 – December 2017

General Volunteer

* Entered service data into company database
* Responsible for admission and decorative services
* Assisted in special event aid to general staff

AWARDS AND HONORS

University of Nevada, Reno Honors Program

* Maintain a cumulative GPA of 3.25 or higher
* Provide evidence of motivation/commitment to academic excellence

Presidential Scholarship Recipient

* Maintained at least a 3.5 unweighted cumulative high school GPA/have obtained at least a 31 on the ACT
* Maintain a 3.5 cumulative GPA each semester with a minimum of 15 credits

Millenium Scholarship Recipient

* Maintained at least a 3.0 unweighted cumulative high school GPA
* Maintain at least a 2.75 cumulative GPA each semester with a minimum of 12 credits