Dylan Wong

Mathematician and Software Developer

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EDUCATION

University of Nevada, Reno - *B.S. in Applied Mathematics*

AUGUST 2018 - AUGUST 2021

Minor: Computer Science

Relevant Coursework:

- Simulating stochastic processes in Python.
- Solving ODEs and PDEs using numerical methods in JULIA.
- Data analysis in Excel and R.
- Implementation of data structures in C++.

RELEVANT EXPERIENCE

Fox Optimization, Reno NV — *QA Intern, React Developer*

DECEMBER 2018 - DECEMBER 2019

- Writing unit tests for Fox Optimization's scheduling application.
- Building UI features in React and React Native.
- Integrating Stripe payment processing within the Django backend.

PROJECTS

UNR 2020 Hackathon — *Financial Analysis*

Used market indicators such as GDP and the performance of market index funds to demonstrate a statistically significant correlation between presidential party affiliation and economic performance. Read more...

Flashcard App — *Weighted Selection Algorithms*

Created a Spaced Repetition System tool for studying secondary languages. The app utilizes a weighted selection algorithm to show users words they struggle with more frequently. Read more...

UNR 2018 Hackathon — *App Development*

Hackathon contestants were posed with the task to make an app which an employer could use to schedule shifts, save shifts and minimize resources without impacting revenue. Read more...

SUMMARY

Recent college graduate with a love for learning and problem solving. Years of industry experience doing fullstack web development. Primarily studied computational applications of numerical methods in college. Seeking position as a Software Engineer or Data Analyst. Loves meeting and working with equally motivated individuals.

HARD SKILLS

React & React Native

SQL & Mongo databases

C++

GraphQL & REST APIs

GIT version control

Python & Julia data analysis

Adobe Suite

SOFT SKILLS

Communication

Organization

Accountability

Adaptability

Problem Solving

Work Ethic