Thomas Glezen

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Objective: To search for a position which will allow me to apply my programming skills to the real world. In the process of doing so, I hope to gain new skills that I would otherwise not learn at school.

EDUCATION

UC BERKELEY

B.A. in Computer Science
Expected May 2021 | Berkeley, CA
College of Letters in Science
Cum. GPA: 3.111 / 4.0
Major GPA: 3.333 / 4.0

LINKS

Github:// **tcglezen**
LinkedIn:// **tcglezen**

COURSEWORK

UNDERGRADUATE

The Structure and Interpretation of Computer Programs
Data Structures
Discrete Mathematics and Probability Theory
Foundations of Data Science
Probability and Mathematical Statistics in Data Science
Principles and Techniques of Data Science
Multivariable Calculus
Linear Algebra and Differential Equations
Concepts in Computing with Data
Efficient Algorithms and Intractable Problems
Probability for Statistics
Designing Information Devices and Systems I

SKILLS

PROGRAMMING

Lots of Experience:
Java • Data Structures
Python • Pandas • Graphing

Some Experience:
R • R markdown • Shiny • ggplot

Minor Amount of Experience:
JavaScript • Node • Firebase

PROJECTS

CHESS

Coded primarily in Java.
Programmed the game of chess
Has a "over the table" option which one can play against another.
Also includes a simple (weak) AI for the player to play against.

MAZE

Coded using exclusively Java
Simple Arcade style game
Involves randomly generated maps in which the player explores to collect the highest number of points.

MESSENGER BOARD

Coded using Javascript • Firebase • HTML
A simple message board which people can post to
Messages are sent and received in real time
Relies upon Firebase, a database from Google.

EXPERIENCE

ACADEMIC INTERN | CS61B (Data Structures)

Aug 2018 – Dec 2018 | Berkeley, CA

- Assisted students to conceptually understand assignments, labs, and projects.
- Required to graphs, data structures, sorting algorithims,

AWARDS

2015	2nd	Nevada Math Competition, Algebra II
2016	3rd	Nevada Math Competition, Comprehensive
2017	1st	Nevada Chess Team
2014	Score: 120/150	American Math Competition 10th Grade
2015	Score: 132/150	American Math Competition 10th Grade
2016	Score: 120/150	American Math Competition 12th Grade
2017	Score: 102/150	American Math Competition 12th Grade
2014	Score: 3/15	American Invitation Math Exam
2015	Score: 6/15	American Invitation Math Exam
2016	Score: 7/15	American Invitation Math Exam
2017	Score: 5/15	American Invitation Math Exam