

Jonathan Rae Nguyen

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EDUCATION

University of California – Santa Cruz
Computer Science

September 2021-June 2025
GPA: 4.0

Coursework: Programming in Python, Calculus for Stem

WORK EXPERIENCE

Prelim | Stockton, CA

Intern

July 2020 – March 2021

- Expanded connections with banks across the U.S. on LinkedIn
- Organized data into spreadsheets using Microsoft Excel
- Created demo applications and forums for customers with the Prelim UI
- Mapped data from a PDF to the corresponding field in digital applications

Mathnasium | Santa Cruz, CA

Tutor

- Teach a range of concepts from algebra to calculus to students
- Practice use of team teaching and proactive engagement and disengagement
- Assist students with Mathnasium curriculum coursework in order to gain a better understanding of mathematics fundamentals

LEADERSHIP AND EXTRACURRICULARS

Santa Cruz Game Design and Art | Santa Cruz, CA

Member

September 2021 – Present

- Collaborate with Art students to develop ideas for games and bring them to life
- Attend weekly meetings to discuss possible projects

Santa Cruz Artificial Intelligence | Santa Cruz, CA

Member

September 2021 – Present

- Participate in weekly meetings and workshops covering basic concepts of Machine Learning
- Collaborate in groups to understand the development of neural networks within programs
- *Future* Work on projects with groups, implementing Artificial Intelligence

SKILLS AND INTERESTS

Java HTML CSS Javascript Bootstrap5 Android Studio Data Mapping

Github Python Swift

Projects

Java
Selection/Insertion sort
Digital Grocery Shop
Binary Search
Pokemon game

Python
Insertion Sort
Selection Sort
Anagram Checker
Palindrome Checker

Javascript
Snake Game