Alan Lam

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Education

University of California, San Diego   Sep. 2015 - Dec. 2019
B.S. in Math-Computer Science | Minor in Math Education

- GPA: 3.47
- Provost Honors

Experience

Computer Science Tutor | UCSD   Aug. 2019 - Present

- Tutor for COGS 18, Introduction to Python

Computer Science Instructor | ThoughtSTEM   Jul. 2019 - Aug. 2019

- Co-led a coding bootcamp designed to introduce data science using Racket

Computer Science Tutor | UCSD   Jul. 2019 - Aug. 2019

- Tutor for CSE 7, Introduction to Programming with Matlab
- Guided students through labs and helped them understand introductory programming concepts

Computer Science Tutor | Self-Employed   Jul. 2019 - Aug. 2019

- Tutor for an introductory Java programming course
- Explained ideas from course lecture notes and guided student through programming exercises

Programming Instructor Aide | UCSD Extension   Jan. 2019 - Present

- Assisting students with debugging iOS and Android apps

Computer Science Mentor | ThoughtSTEM   Jun. 2018 - Aug. 2018

- Helped students with creating projects using Racket
- Collaborated with ~30 developers on Morugamu, a programming language packaged as a board game

Projects   more at aln.netlify.com/projects

Notepad [Java/Android] GitHub

- An Android app for typing notes
- Implemented functionality for saving, loading, locking, and importing/exporting notes

Notification Reminder [Java/Android] GitHub

- An Android app that creates reminders in the form of notifications
- Implemented functionality for creating and deleting notifications from Android's Notification Channel

Skills

Java   HTML/CSS   MATLAB   Python   Racket   Swift   C   C++   JavaScript   Git   Linux