

# Alan Lam

[aln.netlify.com](http://aln.netlify.com)

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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: 3.48

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## Experience

Computer Science Instructor | ThoughtSTEM

Sep. 2019 - Present

- Leading after school programs designed to teach Racket to students in K-5th grade

Computer Science Tutor | UC San Diego

Jul. 2019 - Sep. 2019

- Tutor for CSE 7, Introduction to Programming with Matlab and COGS 18, Introduction to Python
- Guided students through labs and explained introductory programming concepts
- Designed final exam practice problems and final exam problems

Computer Science Instructor | ThoughtSTEM

Jul. 2019 - Aug. 2019

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

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 | UC San Diego 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
- Worked with 30 developers on Morugamu, a programming language packaged as a board game

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## Projects

more at [aln.netlify.com/projects](http://aln.netlify.com/projects)

Notification Reminder [Java/Android] [GitHub](#)

- An Android app that creates reminders in the form of notifications
- Published on [Google Play Store](#)
- Implemented functionality for creating and deleting notifications from Android's Notification Channel and loading notifications on phone boot

Notepad [Java/Android] [GitHub](#)

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

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## Skills

Java

HTML/CSS

MATLAB

Python

Racket

Flutter

Swift

C

C++

JavaScript

Git

Android

iOS

Linux