



# Sai Kambampati

Summer 2021 Internship

B.S. Computer Science  
B.S. Cognitive Science (Artificial Intelligence)  
Minor in Technology and Information Management

Hi! I'm Sai, a second year student at the University of California, Santa Cruz currently pursuing a double major in Computer Science and Cognitive Science. I enjoy collaborating to build complex and challenging projects by discussing product design and engineering new features. I am looking for an internship as a software engineer.

[@HeySaiK](#) [linkedin.com/in/heysaik](#) [github.com/heysaik](#) [saikambampati.com](#) [sai@skyhighlabs.app](#)

## Work Experience



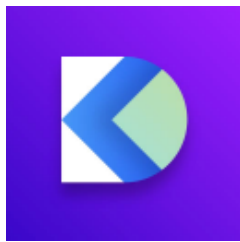
**Co-Leader/Peer Mentor** Sep 2020 · Present  
ACE Service Learning, University of California - Santa Cruz

- **Co-lead** Python Programming and Vector Calculus classes
- **Mentored** students on the **fundamentals** of course lessons



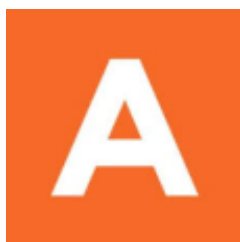
**Research Assistant** Jan 2020 · Present  
Tech4Good Lab, University of California - Santa Cruz

- **Collaborated** with peers to build the **full tech** stack of a student-focused task web app with **AngularJS** and **Firebase**
- Currently working with **PyTorch** to build a machine learning model matching web app code to natural language



**Video Instructor** June 2020 · Present  
Design+Code

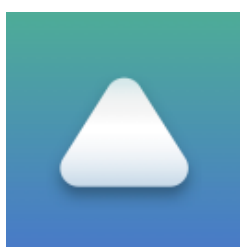
- Produced a **23 video course** on designing and developing cross platform mobile apps using **Flutter**, **Dart** programming essentials, and **UI design** principles
- Course is viewed by **1K-2K** members per week



**Technical Writer** May 2017 · July 2020  
AppCoda

- Created and wrote **20+ tutorials** on building **iOS apps** using the **Swift programming language**
- Helped 100+ readers on adding **machine learning** and **NLP** features to their apps
- Mentored readers on using **debugging** tools in **Xcode**

## Project Experience



**Mirrorly** iOS and macOS  
SwiftUI · CloudKit · Core ML · TensorFlow · Keras

- A **mental health** app where users journal their feelings
- Keeps track of emotions and uses **machine learning** to track and chart **emotional health**.



**Views 4** iOS, macOS, watchOS  
Swift · UIKit · Auto Layout · REST API · AudioKit · Create ML

- News aggregation and podcast app
- Delivers **AI-summarized** content for quick digestion
- **Top 100** apps in the News category for **iPadOS** and **macOS**

## Education



**Computer Science B.Sc.**  
**Cognitive Science B.Sc.**  
**Minor Technology & Information Management**

UC Santa Cruz · 3.98 GPA · Graduation in June 2023

## Technical Proficiencies

Languages Python · Swift/SwiftUI · Dart · JavaScript · TypeScript · JSON · CSV · HTML/CSS · MIPS Assembly · C

Mobile Apps Xcode · Android Studio · Flutter · React Native

Web Apps AngularJS · ReactJS · VS Code

Design Lottie · Sketch · Framer · Figma

Machine Learning Tensorflow · Keras · PyTorch · Jupyter Notebook · Core ML · Create ML

Platforms iOS · macOS · watchOS · tvOS · Android · Windows

Misc Firebase · CloudKit · Core Data · Google Cloud Platform · Git · Microsoft Office · Adobe Creative Suite · AGILE

## Organizations

Sr. Manager - Tech, Arcade Creek Project	2 Years
Founder and President, Techreate	2 Years
Member, Santa Cruz AI	2 Years
Branding Team, Creative Tech Design	1 Year
Logistics Team, Baskin Day Planning Committee	1 Year
ML Team, NeuroTechX UCSC Chapter	1 Year

## Awards and Certifications

Swift Student Challenge 2020 Winner	Apple, Inc.
WWDC 2017 and 2018 Scholarship Winner	Apple, Inc.
Deep Learning Specialization	Deeplearning.ai
Google Cloud Platform Essentials	Google, Inc.
Fritz ML Grant Winner	Fritz AI

## Relevant Courses

Assembly Language · C Programming · Programming Abstractions in Python · Data Structures and Algorithms · Vector Calculus · Linear Algebra · Business Information Systems · Systems Analysis and Design