

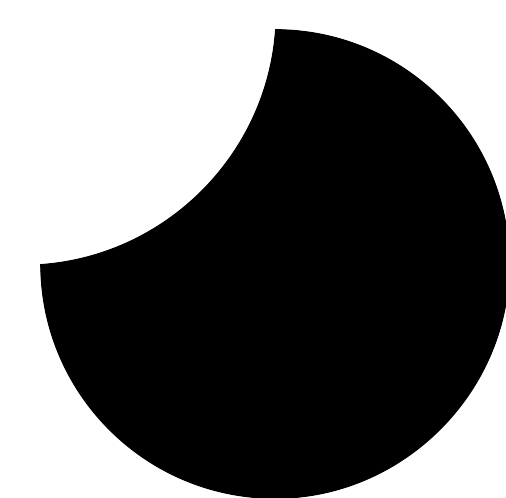
Sai Kambampati

Software Engineer at Humane, Device Platform and Experiences

Hi! I'm Sai, a software engineer at Humane on the Device Platform and Experiences team. I am also pursuing a Master's degree in CS though Georgia Tech. I enjoy collaborating with people to design and build full stack engineering projects by discussing product design, learning new languages, and integrating the newest technologies. I'm always on the lookout for exciting opportunities to learn and grow.

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Work Experience



Software Engineer Aug 2023 · Present
Humane, Inc. - Device Platform and Experiences

- Conceived and evolved the depth gesture for the Ai Pin's **one-handed interaction model** used for menus and pickers
- Helped with mass production at the **factory in China** by working **cross-functionally** and **QA testing 50+ devices**

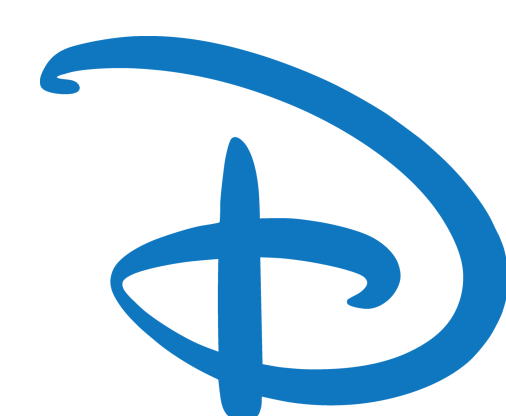
Software Engineering Intern May 2023 · Aug 2023

- Designed and developed an **API** for the Trust Light
- Implemented **5+ user interfaces** for multiple experiences
- Collaborated across **4 cross functional** teams to design and develop new Ai Pin features and experiences



Software Engineering Intern Jun 2022 · Sep 2022
Apple, Inc. - SwiftUI macOS, Tools and Frameworks Team

- Audited **10+ SwiftUI APIs** to find inconsistencies leading to **API proposals and functional implementation changes**
- **Top 10 iContest** finalist out of 100+ submissions



Web Development Intern Jun 2021 · Sep 2021
The Walt Disney Company - Walt Disney Animation Studios

- Developed UI updates for an internal **AngularJS** app
- Collaborated with product designers to design and develop **7 new web components** on **Figma**.
- Optimized render logs which **improved efficiency by 55%**.
- Conducted **UI/UX research** and performed usability testing



Research Assistant Jan 2020 · Mar 2023
Tech4Good Lab, University of California - Santa Cruz

- Helped build the **full stack** of an **Angular** productivity app
- Researched **PyTorch** applications of the **CodeMend** paper

Project Experience



Airgift iOS
SwiftUI · Firebase · ARKit · RealityKit · GPT-3 · USDZ

- An **augmented reality** social media app build for iOS
- Lets users create **AR content** and share them with others by placing them anywhere in the world using **geocaching**



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, tvOS
UIKit · Auto Layout · REST API · AudioKit · Core ML

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

Technical Proficiencies

Languages Python · Swift/SwiftUI · C · C++ · JavaScript · Java · TypeScript · HTML · CSS · RISC-V Assembly · Dart

Mobile & Web Dev Xcode · Android Studio · Flutter · AngularJS · React

UI/UX Design Figma · Sketch · Framer · Lottie

Machine Learning Tensorflow · Keras · PyTorch · Jupyter Notebook · Core ML · OpenAI GPTs

Web 3.0 EthersJS · Solidity · Solana

Misc ARKit · Google Cloud Platform · Git · Adobe Suite · Agile · JIRA · Docker

Organizations

Branding Chair Lead, Creative Tech Design 4 Years
Founder and President, Techreate 2 Years

Awards and Certifications

WWDC '17, '18, '20 Scholarship Winner Apple, Inc.
Deep Learning Specialization Deeplearning.ai
Google Cloud Platform Essentials Google, Inc.

Relevant Courses

Data Structures and Algorithms · Operating Systems · Database Systems · Applied Machine Learning · Natural Language Processing · Machine Learning for Trading · Programming Abstractions in Python · Business Strategy and Information Systems · Management of Technology · Human Computer Interaction

Education



M.S. Computer Science - Specialization in Human Computer Interaction

Georgia Institute of Technology · 4.0 GPA · Present



B.S. Computer Science
B.S. Cognitive Science (AI/HCI Breadth)
Minor Tech & Information Management

UC Santa Cruz · 3.91 GPA · March 2023