Ritam Sarmah

Software Developer

(916) 627-8188
sarmah.ritam@gmail.com

ritamsarmah.github.io
github.com/**ritamsarmah**
linkedin.com/in/**rsarmah**

EXPERIENCE

HCI Research Assistant @ HCI Group at UCLA

JUNE – SEPTEMBER 2018

▸ Designed and prototyped a voice input interface to control existing websites for accessibility

▸ Used web technologies like Angular and the Web Speech API, along with HTML, CSS, and JavaScript

Software Engineering Intern @ AT&T

JUNE – SEPTEMBER 2018

▸ Improved video streaming behavior and UI elements for DIRECTV Everywhere on iOS using Objective-C

▸ Developed authentication metrics features for DIRECTV Now on iOS/tvOS using Swift

▸ Collaborated with multiple teams using Agile and the Atlassian tool suite for development and testing

iOS Application Developer Intern @ Kypher

APRIL – AUGUST 2017

▸ Facilitated development and testing of an encrypted messaging iOS app in Swift

▸ Integrated account handling and messaging capabilities in app using RESTful API

▸ Improved team productivity by implementing new communication and development software into workflow

Support Technician @ UCLA SSC

APRIL 2016 – PRESENT

▸ Troubleshoot and maintain campus workstations and networks

▸ Collaborate on a team to diagnose software and hardware issues, and deploy solutions

▸ Utilize interpersonal skills to assist faculty and students with technical issues

EDUCATION

B.S. Computer Science

University of California, Los Angeles

ANTICIPATED JUNE 2019

GPA: 3.65

PROJECTS

CineSearch (Objective-C)

Elegant iPhone app for movie discovery and search using The Movie Database API and various open source libraries. Available on the App Store.

Drowsy Drive (Swift)

An iOS application that uses computer vision to analyze a user's facial features in real-time and detect drowsiness while driving. Uses MapKit and Vision frameworks.

Cal Scheduler (Python)

Chat assistant for creating calendar events with natural language input, using the Google Calendar and Microsoft LUIS APIs.

SKILLS

Languages: Swift, Objective-C, Python, C++, C, JavaScript, HTML, CSS, SQL

Frameworks: iOS SDK, Firebase, Angular, scikit-learn, Bootstrap

Tools: Xcode, Git, Sketch, InVision, CocoaPods, Jira

Other: MVC, MVVM, REST APIs, AJAX, Agile, Linux