

Ritam Sarmah

Software Developer

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EDUCATION

University of California, Los Angeles

ANTICIPATED JUNE 2019

B.S. Computer Science (GPA: 3.65)

EXPERIENCE

Software Engineering Intern @ AT&T

JUNE – SEPTEMBER 2018

- ▶ Improved video streaming behavior and UI elements for DIRECTV Everywhere on iOS using Objective-C
- ▶ Developed new features for authentication error metrics 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

SKILLS

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

Frameworks: Cocoa Touch, Core ML, NumPy, Scikit-Learn, Bootstrap

Tools: Xcode, Git, Sketch, CocoaPods, JIRA, Logic Pro

Other: MVC, MVVM, RESTful APIs

PROJECTS

CineSearch (Objective-C)

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

Drowsy Driver (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. Cross-platform user interface built with Kivy.