Ritam Sarmah

Software Developer

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EXPERIENCE

Mobile Software Engineering Intern @ AppLovin

JUNE – AUGUST 2019

- Enhanced internal SDK test apps for iOS and Android, with features like logging, a cache browser, and ad views
- Prepared test and public demo apps for iOS 13 release, including dark mode support and UI/UX fixes
- Built a system-wide ad blocker into the iOS test app
- Implemented functionality for Unity SDK in C#

Geno - HCI Research Assistant @ UCLA HCI Research

OCTOBER 2018 – PRESENT

- Designed and developed an IDE for embedding voice interfaces into web applications
- Applied principles in HCI and NLP, using web frameworks like React and Electron

Software Engineering Intern @ AT&T

JUNE – SEPTEMBER 2018

- Improved video streaming and UI elements for DIRECTV Everywhere on iOS using Objective-C
- Developed authentication metrics functionality for DIRECTV Now on iOS/tvOS using Swift
- Collaborated on Agile teams using the Atlassian tool suite

iOS Application Developer Intern @ Kypher

APRIL – AUGUST 2017

- Facilitated development and testing of an encrypted messaging iOS app in Swift
- Integrated account logic and messaging using RESTful API
- Improved team productivity by introducing new communication and development tools into workflow

EDUCATION

M.S. Computer Science

University of California, Los Angeles

ANTICIPATED JUNE 2020

B.S. Computer Science

University of California, Los Angeles

2015 – 2019

PROJECTS

Accelerate (Swift)

A powerful, fully customizable Safari extension for controlling video playback. Reached Top 20 Video charts in multiple countries on the Mac App Store.

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.

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, JavaScript, HTML, CSS, C++, C, Java, SQL

Frameworks: iOS SDK, Cocoa, Firebase, React, scikit-learn, Bootstrap

Tools: Xcode, Android Studio, Git, Sketch, Charles, CocoaPods, Jira, Asana

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