Ritam Sarmah

Student / Developer

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education

University of California, Los Angeles

ANTICIPATED 2019

B.S. in Computer Science; GPA: 3.61

experience

Kypher — *iOS Application Developer Intern*

APRIL 2017 - PRESENT

- Assisted development and debugging of an encrypted messaging iOS app in Swift
- Aided Swift 3 syntax conversion process of source code and frameworks
- Integrated user interface with server API

UCLA Social Sciences Computing — *Support Technician*

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

Software: Xcode, Visual Studio, PyCharm, Git, Sketch, CocoaPods

Other: iOS SDK, MVC, Unit Testing, JSON, Bootstrap, RESTful APIs

projects

Movie Search (*Objective-C*)

Developed an elegantly designed iPhone app with movie discovery, search, and recommendation features by integrating The Movie Database API and leveraging various open source libraries.

Cal Scheduler (*Python*)

Built a virtual chat assistant that allows for calendar event creation with natural language input, using the Google Calendar and Microsoft LUIS APIs. Implemented GUI with Kivy for cross-platform support.

3D Ski Simulator (*JavaScript*)

Developed a single-player endless runner/skiing simulator using WebGL.