

# VATSAL RUSTAGI

EMAIL: [vrustagi@uci.edu](mailto:vrustagi@uci.edu) | PHONE: (858) 226-3340 | LINKEDIN: [vatsalrustagi](#) | GITHUB: [VatsalRustagi](#)

## EDUCATION

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University of California, Irvine

Bachelor of Science (B.S.) in Computer Science, December 2018

- Major GPA: 3.850/4.0
- Dean's Honor List: Winter 2016 – Fall 2017, Spring 2018

## SKILLS

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Swift, iOS, UIKit, CoreAnimation, CoreData, Interface Builder & Auto Layout, Instruments, Cocoapods, Sketch app, FramerX, UI Tests, UnitTests, ruby, git, HTML, CSS, Bootstrap, Javascript (ES6), Node.JS, SQL, MongoDB, Objective-C, React.JS, React Native, Android, Python, Java, C++, Jira, BitBucket, SourceTree, Confluence, Fluent in English & Hindi.

## EXPERIENCE

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Apt Health, **iOS Developer** | Newport Beach, CA

Apr 2018 – Sep 2018

- Developed the pilot iOS application. Produced maintainable & stable code. Wrote various reusable UI components using a mix of UI in code and interface builder that helped in rapidly incorporating changing design requirements.
- Created extension to render HTML & CSS to native swift type which added flexibility to the UI and capability of accepting dynamic content. Developed custom AVPlayer component to display advertisement like content.
- Utilized Instruments and multi-threading to detect frame drops and improve UI performance by offloading the main thread.
- Integrated SDKs: UrbanAirship (notifications), AWS Cognito (Login/Sign-up/Password Recovery), company's custom SDK.

TourUp, **Software Engineer Intern** | Irvine, CA

Jun 2017 – Sep 2017

- Managed the iOS team and developed version 1 of the application for the startup, by creating mockups, writing and integrating the base frameworks, custom wrapper classes that established the foundation for 2 more engineers.
- Coached 1 engineer and collaborated with him on building the frontend and integrating backend and eventually put the application on Apple's Test Flight platform.
- Integrated various APIs (Google Maps, Stripe, Sinch, FBLogin SDK, GoogleLogin etc.) for functionality and pods.

Dreams for Schools, **AppJam+ Mentor** | Garden Grove, CA

Sep 2016 – Dec 2016, Apr 2017 – Jun 2017

- Guided 5 middle school students to build a STEM based Android application - "Eruption", that won the fan favorite award in the final showcase among 18 other teams.

## PROJECTS

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**What's in My Fridge [Available on AppStore]**

Aug 2017 - present

- Developed an iOS app to manage fridge items by using CoreData with 700+ downloads on Apple AppStore.

**VRCodeView [Available on Cocoapods]**

- Developed a highly customizable UI framework that allows the user to enter verification code characters one textfield at a time, and move back and forth smoothly. Storyboard friendly using IBDesignable and IBInspectable capabilities.

**Pill ID [UCI's AR Med AppJam 2017]**

Nov 2017

- Collaborated with 3 others to develop an iOS app to classify different pills by using Apple's MLKit and ARKit in the two-week medical application development competition and won **2nd place**.

**Dark Notes - Chrome Extension [Available on Chrome Web Store]**

Sep 2017

- Built a chrome extension that updates the UI of lecture notes to a dark mode by injecting a CSS code and currently has about 25 recurring users.

**Chale [SDHacks]**

Oct 2017

- Developed a chat application using Twilio's programmable chat SDK. The application received a lot of appreciation by the judges, audience and the Twilio sponsor at the Hackthon's showcase.
- Built the backend using Node.JS, Heroku and MongoDB and the frontend in iOS, swift.