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- **Website:** vatsalrustagi.github.io
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Education

 **University of California, Irvine**

 **Bachelor of Science | Major in Computer Science | Sophomore | Expected Graduation - Dec 2018**

 **School GPA:** 3.93

 **Dean's Honor List:** Winter 2016 - Winter 2017

 **Coursework:**

- Data Structure Implementation and Analysis (C++)
- Intermediate programming (Python)
- Intermediate programming (Java)
- Principles in System Design (C)
- Discrete Mathematics for C.S.
- Computational Linear Algebra (Matlab)
- Probability and Statistics for C.S. (R)
- Introduction to software engineering

Work Experience

 **TourUp**

August 2016 – Current

(Co-Founder & Developer)

- Co-founded a tour-based startup with four others.
- iOS developer and UI/UX designer positions at the startup.
- Integrated APIs (Stripe, GoogleMaps etc.) to implement payment and navigation features.
- Designed multiple view controllers such as profile pages, login page, register page with UI constraints.
- Website : tourup.github.io.

 **Dreams for Schools**

Sept 2016 – Dec 2016

(Mentor at AppJam+)

- Worked with 5 middle school students to build a STEM based Android application - "Eruption".
- App was created using AppInventor (by MIT) a java based software.
- The app won the fan favorite award in the final showcase among 18 other teams.

 **Donald Bren School of Information and Computer Sciences at UC Irvine**

Jan 2016 – March 2016

(Tutoring for Introduction to Programming in Python)

- Answered lab assignment related questions of about 30 college students.
- Received an evaluation of 9/10 (with a class average of 8.26/10).

Technology Skills

 **Programming Languages:** C++, C, Python, Java, Swift.


 **Databases:** SQL.

 **Application Development:** iOS.

 **Operating Systems:** Windows, MacOS, Linux.

 **Website:** HTML, CSS.

Activities

-  **Member of ACM @ UCI:** At the club we solve various data structure based HackerRank problems, and learn new and more efficient ways to solve the same problem.