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GitHub : https://github.com/VatsalRustagi | https://github.com/Vatsalr23

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Education

- **University of California, Irvine**
- **Bachelor of Science | Major in *Computer Science* | 2018 (Expected)**
    - 3.90 **School GPA** | 3.55 **Overall GPA**
    - **Dean's Honor List**: Winter 2016, Spring 2016, Fall 2016.
- **Coursework:** *(Received an A+ in the courses in bold below)*

  - Introduction to Programming (Python)
  - Programming with software libraries (Python)
  - **Intermediate programming (Python)**
  - Introduction to software engineering
  - Data Structure Implementation and Analysis
  - Programming in C++ as a 2nd language
  - Programming in Java as a 2nd Language
  - **Boolean Algebra and Logic**
  - **Discrete Mathematics for C.S.**
  - Computational Linear Algebra
  - Intro to Probability and Statistics for C.S.
  - Introductory Computer Organisation
  - Principles in System Design

Experience

- **TourUp [**tourup.github.io**] – Co-Founder & Developer**   **August 2016 – Current**

  Co-founded a tour-based startup with four others. I work as an iOS developer and a UI/UX designer at the startup. The iOS application is in beta version.

- **Dreams for Schools - Mentoring & Teaching**   **Sept 2016 – Dec 2016**

  Mentor at AppJam+, a mentorship program which assigns mentors to middle schools in Orange County to help and guide students in building their own mobile applications through MIT's App Inventor.

- **UC Irvine – Tutoring for ICS 31**   **Jan 2016 – March 2016**

  As a tutor for ICS 31, an introduction to programming course in python, I answered students' questions about the lab assignment they received every week. I worked for 6 hours/week and received an evaluation of 9/10 (with a class average of 8.26/10).

Technology Experience

- **Programming Languages:** C++, C, Python, Java, Swift.
- **Application Development:** iOS.
- **Website:** HTML, CSS.
- **Databases:** SQL.
- **Operating Systems:** Windows, MacOS, Linux.

Other Projects

- **Othello/Reversi:** Programmed the game's logic with Python working with different modules, and developed its GUI with Python and TKinter library tools.
- **BooEdit:** Programmed a text editor, like Vim, which runs in terminal and supports undo and redo commands. The application was programmed with various libraries in C++ programming language.