**PRATEEK RAO**

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**SKILLS**

*Programming languages and frameworks:* Java, C++, JavaScript, Python, Ruby, SQL, HTML, CSS, BootstrapJS, Node.js Flask, Django

*Personality Traits:* Detail Orientation | High Analytical Skills | Effective Communication Skills

**EDUCATION**

*University of California, Irvine (2016 - Present)* Overall GPA: 3.2

* Dean’s List: Fall 2016, Spring 2017 Expected Graduation Year: 2020

*Sri Kumaran Children’s Home, Bangalore (2012-2016)*  Overall GPA: 3.75

* Top 5 percentile in graduating class of 2016

**PROFESSIONAL EXPERIENCE**

*Tutor at VarsityTutors Inc.*  2017 – Present

* Worked with High School students to help them succeed in ACT, SAT and AP test
* Created unique problem sets incorporating exactly 25% of each section of the ACT exam.

*Tutor at International Students Excellence Programs* 2017 – Present

* Helped peers with college coursework in subjects such as Chemistry, Math, Physics and Computer Science.
* Maintained a schedule for all peers, ensuring their success in the tutored course.

**LEADERSHIP**

*Mentor at MAISS UCI*  2017 – Present

* Plan to bond with mentees and help them succeed professionally, socially and individually.
* Plan to organize events with other mentors and their mentees, to improve mentees’ experience in the program.

*Organizer at Hack at UCI*  2017- Present

* Planned, organized and promoted HackUCI 2018.
* Currently maintaining and improving the club website using Wordpress, HTML, CSS and PHP.
* Developed software projects to increase productivity of the team, understand feedback from a statistical standpoint, and improve marketing.

*Host of an Hour of Code*  2016

* Created a website for the event, creating coding exercises for JavaScript, Python and C++.
* Helped students learn the basics of these three programming languages.

**PROJECTS**

*Travel Mapper (HackMIT 2018)*

* Member of a team that developed a web application to plan and map destinations to visit while travelling a city.
* Implemented a frontend UI using Bootstrap, and implemented frontend web page routing using JavaScript.
* Implemented the Dijkstra algorithm using Google Maps API and Directions API to present an ordered list of tourist destinations

*Hack Trello*

* Part of team that developed a simple internal-facing application that reminds members of Hack at UCI Marketing committee of pending Trello (https://trello.com) tasks.
* Used the Trello API to pull task data, and Twilio API, SendGrid API and Facebook API to send task-related messages.

*Graphing Calculator*

* Using C++, designed a graphing calculator from scratch, with graphing, searching and evaluation capabilities.
* Developed an original infix to postfix algorithm to process input equations.

*International Award for Young Persons*

* Completed a skill - bass guitar, a sport - swimming, and two community service projects for a time of 6 months.

**HOBBIES**

Basketball | Swimming | Guitar | Vocal Music | Mobile App Development | Debating – Parliamentary and Public categories