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.