

SUMEET BANSAL

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EDUCATION

University of California, San Diego

BS, Intended Computer Science

La Jolla, CA

September 2016 to June 2020

Relevant Coursework:

CSE 11 Accelerated Introduction to Java

MATH 18

Linear Algebra

CSE 12 Data Structures and Object-Oriented Design

MATH 20C

Calculus and Analytic Geometry

CSE 15L Software Tools and Techniques

MATH 20D

Differential Equations

CSE 20 Discrete Mathematics for Computer Science

Archbishop Mitty High School

Graduated with Honors

San Jose, CA

August 2012 to May 2016

GPA: 4.14. SAT: 2260. Awards: 2013 FIRST Robotics Competition CalGames System Design Award, 2015 FIRST Robotics Competition CalGames System Design Award.

EXPERIENCE

Zscaler

Emerging Technologies Intern

San Jose, CA

June 2016 to August 2016

- Developed a web visualization of global cyberthreats using live server data.
- Processed server data stream and systematically classified and prioritized various cyberthreats.
- Used the Google Maps API to project parsed threat data onto constantly-updating map.

PROJECTS

Triton Scheduler

- Developing a Python script to easily populate Google Calendars with academic schedule for the quarter.
- Handles SSO login process and site cookies (cookiejar).
- Uses web scraping (BeautifulSoup) to parse and clean schedule data from online class registration tool.
- Adds all academic events to Google Calendar from the registration info via the Google Calendar API.

EXTRACURRICULAR ACTIVITIES

Rajasthan Association of North America

Youth Director

San Jose, CA

February 2015 to February 2016

- Served on the Executive Committee and helped organize community outreach and events.
- Developed an online system to easily add people to the organization's mailing list during the most-attended event of the year.
- Contributed code to the website for content and appearance.

FRC Team 1351 – TKO

Mentor, former Project Lead

San Jose, CA

September 2016 to Present

- Provided input on robot design, overall team strategy, and software design.
- Participated in design reviews for various robot subsystems and post-competition SWOT analysis.

Resource Area for Teachers

Volunteer

San Jose, CA

August 2010 to May 2016

- Created low-budget school projects for teachers to use in classrooms to demonstrate scientific principles.
- Handled accepting and sorting donations.
- Organized the Back to School summer sale.

SKILLS & QUALIFICATIONS

Skilled – Java, HTML, CSS, Javascript, jQuery, LaTeX, Git, CAD, Hindi

Proficient – Python, C, MATLAB, SQL