Sumeet Bansal

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Education

University of California, San Diego   La Jolla, CA
BS, Intended Computer Science   *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   San Jose, CA
Graduated with Honors   *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

Actiance   Redwood City, CA
Engineering R&D Intern   *June 2017 to September 2017*
- Worked directly on the Rhine release of the Alcatraz platform.
- Developed an independent project that ensures parity across server configurations.
- Significantly shortened development cycles through a platform-specific suite of diagnostic tools.
- Created a flexible MongoDB-based query engine that generates detailed statistical server diagnostics.
- Integrated the query engine with an interactive web front-end to simplify and visualize the analytic process.
- Oversaw company-wide deployment and adoption across different teams (e.g. engineering, network operations) domestically and internationally (e.g. the Bangalore team).

Zscaler   San Jose, CA
Emerging Technologies Intern   *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   San Jose, CA
Youth Director   *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   San Jose, CA
Mentor, former Project Lead   *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   San Jose, CA
Volunteer   *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