

Shantanu Tulshibagwale

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Education:



University of Illinois at Urbana Champaign

Bachelor of Science in Computer Science | James Honors Scholar

Expected **May 2019**

Tech GPA: **3.89/4**

Relevant Classes

Fall 2015: Discrete Structures, Freshman Honors Projects;

Spring 2016: Data Structures, Computer Architecture, CA for Freshman Honors Projects;

Fall 2016: System Programming, Data Mining, Virtual Reality.

Skills:

Proficient In: Java, Python, C++, C, MIPS, Verilog, git, Android, Arduino

Familiar with: Full Stack Web (HTML/CSS/JS, Django), Pebble Development;

Experience:

Machine Learning Intern at Ampool

Santa Clara, CA

May-August 2016

Designed and implemented a user-facing API for this in-memory database software; improved ease of use

Built a machine learning use case to demonstrate the effectiveness of Ampool tech for handling high traffic

Software Intern at Persistent Systems

Pune, India

June-August 2014

Developed on the UI and Bluetooth connectivity parts of an Android app to collect, process and store data from medical devices, visualize the information, and transmit to a doctor.

Projects:

Slapp - Information Exchange for Wearables

September – December 2015

- App exchanges contact information with a high-five. Pitched and developed in CS 196 Honors at UIUC for Android, Android Wear, iOS, and Pebble.
- My responsibilities: Team Leader, Web backend (Python/SQLAlchemy), Pebble app, Android Wear app.

Fire Recognition and Extinguishment Device (F.R.E.D.) – Firefighting Robot

June - July 2014

- Designed, built, coded, and tested a firefighting robot, working full time with two teammates for three weeks, with pathfinding and world modeling, all in a \$40 budget.
- My responsibilities: programming Arduino, heat detection array circuitry, building and wiring the chassis.

Additional Experience:

Organizer at CS@Illinois Sail

Champaign, IL

January 2016 – present

- Organizing an event for hundreds admitted high school seniors to sample a day in the life of a student in CS@Illinois in its second year running.

Staff at HackIllinois

Champaign, IL

August 2015 – March 2016

- Responsible for creating an LED tent and working on a four-story LED 'I' logo, working on the floor during the event, and planning floor layouts for the largest hackathon in Illinois.

Build Lead at Monta Vista Robotics Team 115

Cupertino, CA

February 2014-June 2015

- Led teams of students to build specific parts of our competitive team's robot and took it to competitions.
- Worked primarily on mechanical aspects and design of robots for both years, also on team Android app.

VP at TeenHackathon

Santa Clara, CA

September 2014 - March 2015

- Started a high school hackathon in Silicon Valley which got 250 hackers in the first event.
- Got sponsorships from PayPal, Leangap, built the website, handled marketing and day-of logistics.

Treasurer at Chai Town Acapella

Champaign, IL

June 2016 – present

- Singer in an acapella group that tours the country every year, performing for thousands of fans
- Managing finances for the group, getting funding from performance fees and music royalties, making decisions on purchases that impact the group tremendously.