Shantanu Tulshibagwale

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Education:

University of Illinois at Urbana Champaign   *Expected **Dec 2018***
Bachelor of Science in Computer Science | James Honors Scholar   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:

Software Engineering Intern at **Jump Trading**   Champaign, IL   *September 2016 - present*
Working with one of the leading private quant trading firms to develop a new Bitcoin trading platform, built for high performance, longevity, and extensibility.

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.

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.