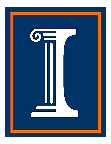
**Education:**

 **University of Illinois at Urbana Champaign** *Expected* ***May******2019***

*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:**

**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.