

Surti, Rahul V

(847) 770-5977 | rahulsurti97@gmail.com

github.com/rahulsurti97 | linkedin.com/in/rahulsurti

Permanent Address: 5277 Galloway Drive, Hoffman Estates, IL 60192

Campus Address: 1012 W Illinois Street, Urbana, IL 61801, Room 708

Education

Aug '15 – Present **University of Illinois at Urbana-Champaign**
GPA - 3.85, Class of 2019, BS in Computer Engineering

Aug '11 – May '15 **Barrington High School (BHS)**
GPA - 4.45, Class of 2015, top 6%

Skills

Java Programming

- Excelled in AP Computer Science and Computer Science: Data Structures

Swift

- Learned application development in iOS for ENG 198: Projects in Fall '15
- Created iOS application: *EngiN: The Mobile Engineering Notebook*

HTML/CSS

- Created website for redC robotics

C Programming and Electronics Design

- Taking ECE 220: Systems Programming, ECE 110: Intro to Electronics
- Took ECE 120: Intro to Computing

Experience

Aug '15 – Present **Cofounder of redC robotics**

- Currently working with Hydrosystems Lab Team at University of Illinois
- Developing an underwater robot to aid the Hydrosystems Lab in research

Oct '15 **Competed in Allstate Connected Home Hackathon**

- Created *S.M.A.R.T. Positional Systems* for Connected Home

Sep '13 – May '15 **FIRST Tech Challenge (FTC) Robotics Team**

- Elected President of Robotics Student Board; Robotics program at Barrington managed entirely by students. Oversaw eleven 10-person teams
- Captain of FTC Team; organized and oversaw all aspects of robot build and managed team structure; programmed and 3D modeled robot
- Led team to semifinals at Illinois FTC State Championship 2014 and 2015 seasons
- Received FTC Robotics Rockwell Collins Innovate Award for outstanding build designs and unique control system

Sep '14 – May '15 **Business Professionals of America (BPA)**

- Competed in Java Programming Event; Analyzed and decoded encrypted data, and developed application
- Finalist at the BPA Illinois State Leadership Conference

Sep '14 – Aug '15 **Tutor at Kumon Learning Center (Work)**

- Taught reading and math to K-8th grade students

Jun '14 – Aug '14 **Google Plus MakerCamp Counselor (Volunteer)**

- Led volunteer initiative to inspire young children to pursue engineering
- Guided kids through projects involving Arduino, 3D printing, circuitry