

# ROHAN GUPTA

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🐙 RohanGupta24

## OBJECTIVE

Objective: To obtain an internship in data analytics, software engineering, systems security, or any related field of computer science for the summer of 2017.

Summary: Interested in mobile app development, game design, and data analytics. Worked on projects related to Android app development, as well as enrolled in several statistics courses to further explore the area of data analytics in programming. Took some courses related to game design at DigiPen Institute of Technology.

## EDUCATION

**Purdue University, West Lafayette IN, August 2016 - May 2020**

B.S. Computer Science

About: A major research university known for discoveries in science, technology, and engineering

**The Overlake School, Redmond WA, August 2012 - June 2016**

About: An independent school offering a rigorous college preparatory program in the liberal arts tradition.

## SKILLS

**PROGRAMMING LANGUAGES:** C, C#, C++, JavaScript, Java, Python, HTML, R, PHP

**INTEGRATED DEVELOPMENT ENVIRONMENT (IDE):** JGrasp, Android Studio, Microsoft Visual Studios, Eclipse, IntelliJ, NetBeans

## PROJECTS

Android App Development - Location Awareness and Contact Transfer, Purdue University

May.2016 to Present

Two Primary Components of My Android App:

- Developed a mobile app that tracks the user's current location using GPS coordinates and geofencing
- Stores the information retrieved by the device into a secure, private server that is easily accessible on other devices, such as phones, tablets, and laptops
- Purpose: The individual may reference back to the information in order to get the street address again so the user can visit the location and the
- Search tool allows a person to look up any previous location using keywords
- Utilizes network connectivity, Ethernet, and Wifi in order to transfer personal information, such as name, phone number, and home address, from one device to another automatically (given the user grants permission)
- The phone also has a unique barcode in the app so the device can scan it in order to retrieve any contact information that may be significant

Android App Development - Telemedicine, Purdue University

March.2014 to Present

- Developing a mobile app that would provide a platform for professional doctors and nurses throughout the world to communicate in so the medical community can be more connected
- The app would improve medical care in developing countries with a more efficient and accurate database that provides treatments to common diseases and recommended prescriptions for ailments
- Purpose: The app would enhance the medical world and make it more reliable, especially in countries like Cambodia that cannot gain access to medical assistance very easily

Notable Hackathon Project, The Overlake School

November.2015 to June.2016

- Developed a program that reads the notes of music and matches the notes to a specific song

Algorithmic Efficiency, The Overlake School

February.2014 to June.2014

- Developed a program that combines existing searching and sorting methods in order to create a more efficient algorithm

## VOLUNTEERING

**Northwest Harvest**

June.2014 to November.2015

Kent, WA

Number of Hours: 4 hours/week

Description: Helped pack and distribute food to impoverished people in the Seattle community. Volunteered at local food banks by serving fruits and vegetables

**Indian Association of Western Washington**

September.2013 to September.2014

Seattle, WA

Number of Hours: 10 hours/week

Description: A member of the Indian Association of Western Washington (IAWW) Youth Board that participated in many community service events involving the Indian culture, such as Camp Bharat, a five-day camp for young children to learn more about their heritage.

**Cambodia Service Learning Project Week**

April.2014

Redmond, WA

Number of Hours: 49 hours/week

Description: Travelled to Cambodia for two weeks to teach fifth and sixth graders about science, math, and technology at an Overlake-affiliated school; explored the country's main attractions and learned about its unique culture.

**Eastside Baby Corner**

April.2013 to November.2014

Issaquah, WA

Number of Hours: 6 hours/week

Description: Helped distribute clothing and toys to families that cannot afford the basic essentials and supplies

**Kiva Project Week**

April.2013

Redmond, WA

Number of Hours: 25 hours/week

Description: Visited a small non-profit organization in San Francisco in order to learn how to apply business and entrepreneurial skills to benefit the global community.

## ACTIVITIES

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### **Robotics Club, *Lead Programmer***

September.2012 to May.2016

Description: Robotics Club builds and programs simple robots in order to participate in local First Tech Challenge (FTC) robotics competitions that establish various tasks.  
Individual Achievement: Programmed the autonomous section of the robotics competition with sensory motor data and robot motion analysis.

### **Programming Club, *President***

August.2015 to May.2016

Description: Programming Club provides an opportunity for more experienced programmers to learn how to integrate and apply computer science knowledge and basic skills to real-world situations. The club also offers coding lessons in Java for beginners.  
Individual Achievement: Created a club that helps students with class projects, mobile app development, and game design in Java, C, and Python. Taught the class about statistics and data analytics in R.

### **Model United Nations, *President***

September.2014 to May.2016

Model United Nations (MUN) is a national organization that discusses about global affairs in modern society in order to be better global citizens and more aware of our world community. MUN participates in local conventions in Washington State and has an international presence.  
Individual Achievement: Presented about global and domestic issues every week and competed in WASMUN (Washington State convention).

### **Karate, *Teaching Assistant at Karate West***

Summer.2005 to August.2016

Description: Taught various belt levels and judged during martial arts tests

### **Student Government, *Associated Student Body Secretary and Treasurer***

August.2014 to June.2015

Description: Elected Overlake Associated Student Body (ASB) Secretary and Treasurer; responsible for managing the financial budget and taking notes during the meetings.

### **Junior State of America, *Treasurer***

September.2012 to August.2014

Description: A member of the organization that promotes political awareness and discusses about issues in the United States; participated in multiple conventions locally

### **Soccer, *Junior Varsity Midfielder/Striker***

February.2012 to May.2016

Description: Played for The Overlake School's Junior Varsity soccer team for three seasons

### **Tennis, *Junior Varsity Player***

August.2015 to November.2016

Description: Played for The Overlake School's Junior Varsity tennis team for one season

### **Basketball, *Junior Varsity Player***

November.2012 to March.2013

Description: Played for The Overlake School's Junior Varsity basketball team for one season

## AWARDS

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### **Presidential Scholarship Recipient**

February.2016

Received a \$5000 annual scholarship from Purdue University for academic excellence and school achievements

### **4th in FIRST FTC Robotics Competition**

January.2014

Overlake robotics team won fourth place at a local competition in 2014

### **Black Belt in Karate**

November.2013

Received black belt at Karate West and, shortly after that, earned a certificate that cemented black belt status throughout the world