

# Akshat Gupta

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## OBJECTIVE

I am a freshman in Computer Science, seeking an internship in software development during the summer of 2014.

## EDUCATION

**B.S. Computer Science**, University of Illinois at Urbana-Champaign

**Honors:** Dean's List Fall 2013, James Scholar, AP Scholar with Honor 2012

**Courses taken:** CS 125 (Introduction to Computer Science), Math 241 (Integral calculus), PHYS 211 (University Mechanics), ECON 102 (Microeconomic Principles)

**GPA:** 4.0

## PROJECTS

### encryptRat

January 2014

- Developed an encryption-decryption algorithm using a one-time pad, based on the even probability of the digits of the decimal expansion of irrational numbers.
- Users choose their own private key that is used to create a hidden pad, which encrypts and decrypts the message.

### MunchNow

February 2014 - present

- Developing a web application that renders a list of the user's Facebook friends who are going to a particular restaurant at around the same time as the user.
- Frontend uses Ruby framework along with HTML/CSS. Backend integrates Facebook's Graph API and Google Maps API using JavaScript.

## INTERNSHIPS

### Hughes Systique

July 2012

- Developed a 'News on the go' Android application that fetches RSS feeds from websites and presents them on the user's Smartphone.
- Worked on frontend Android. Implemented Google Feed API using JavaScript.

### roomstory.com

September 2012

- Worked on Quality Assurance during the pre-launch phase for an eCommerce startup website.
- Analyzed competitive pricing, stress testing and appropriate imagery for enhanced user experience.

## INVOLVEMENT

### CS 125 Course Assistant

Spring 2014

- Guide our fellow incoming freshman and students through weekly Machine Problems in Java.
- Hold demos in class discussions on related lecture topics.

### Member of ACM and WebMonkeys

Present

- Attend weekly meetings to discuss new projects and ideas.
- Learn about the upcoming technology in Computer Science e.g. APIs

### Vice Head Boy, DPS RK Puram

2012-13

- Selection based on academics, extra-curricular involvement and leadership.
- Responsible for planning and implementing high school interactions for our batch of 972 students.

## LANGUAGES

**Proficient in:** Java

**Comfortable with:** C++, HTML/CSS, Bash

**Familiar with:** Python, Haml, JavaScript