

# AKSHAY GOEL

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## Skills

### TECHNICAL

Java  
C++  
Android  
MATLAB  
HTML5, CSS3  
Javascript  
Node.js  
Ruby On Rails  
Linux, Unix  
Git  
Auto-desk Inventor

### SPOKEN LANGUAGES

English - Professional  
Japanese - Native  
Hindi - Native

## Activities

**VT Programming Team**  
Member Aug 2016

**VTHacks Organizer's Committee**  
Sponsorship Team &  
Android Developer

**Galileo Engineering Community**  
Member

**Hackers@VT**  
Member

### Relevant Courses

- Software Design & Data Structures (CS 2114)
- Multivar Calculus (MATH 2204)

## Education

**Virginia Tech - Honors College**  
BS Computer Science, 2019  
Minor: Math  
GPA: 3.91  
Deans List : Fall 2015, Spring 2016

**India International School In Japan**  
High School, 2015  
Score: 95.2%

## Employment

**Virginia Tech** - Resident Advisor Aug 2016 - Present

- Supervising a floor of 35 residents by creating a positive living environment designed to link community, faculty, and residents

**Rakuten** - Big Data Intern - Tokyo Jul 2016 - Aug 2016

- Developed search tracker using *Node.js* and *Cassandra* for Rakuten's search engine to track all searches made up-to 10 days.
- Designed and implemented GUI for extensive manipulation of this data

**Motion Gallery** - Software Development Intern - Tokyo May 2016 - Jul 2016

- Implemented a micro theater service using *Ruby on Rails* and *SQL3*.
- Responsible for creating the whole *MVC* system and writing *RSpec* tests

## Projects

**Personal Website** May 2016

- Developed online portfolio containing my information and detailed projects using *HTML5*, *CSS3* and *JavaScript*

**TimeCheck** Jan 2016

- Developed Android app for communication between bus drivers and passengers using Twitter's Fabric API.

**Unbeatable Tic-Tac-Toe AI** Aug 2015

- Developed software in C++ that can play Tic Tac Toe against human and never lose

**Randomizer** 2013

- Developed Android app to perform numerous random functions like rolling dice or flipping coins, 500+ Downloads

## Awards

**Recipient of CSRC Scholarship**, Virginia Tech Computer Science Dept. Aug 2016

**Awarded Housing Scholarship**, Virginia Tech 2016

**Most Interesting use of Twitter API**, Twitter Jan 2016

**3rd best hack at Hoya Hacks**, Hoya Hacks Jan 2016

## Leadership

**Engineering Student Ambassador**, Virginia Tech 2016 - Present

**Student Council President**, High School 2011 - 2014

**Leader of History Team**, Intl. History Bee & Bowl , Washington D.C 2014

**School Play Director**, High School Annual Concert 2013