





# AKSHAY GOEL

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AkshayGoelTech 

## Skills

### TECHNICAL

Java  
C++  
Android  
MATLAB  
HTML5, CSS3 Javascript  
Ruby on Rails  
Linux, Unix  
Git  
Autodesk Inventor

### SPOKEN LANGUAGES

English - Professional  
Japanese - Native  
Hindi - Native

## Activities

**VT Programming Team**  
*Member since Aug 2016*

**Student at CodePath  
University**

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

**Hackers@VT**  
*Co-Hacker Chair*

**Galileo Engineering  
Community**

## Education

**Virginia Tech - Honors College**  
BS Computer Science, 2019  
Minor: Math  
Dean's List: Fall 2015, Spring 2016  
GPA 3.94

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

## Employment

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

- Supervising an area 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 maintain 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

**Duty Scheduler (Undergraduate Research)** Jul 2016 - Present

- Researched and developed a variation of Ford-Fulkerson's MaxFlow algorithm used to schedule different RAs for duty every day. Backend in Java

**CodeView** Jul 2016 - Present

- Developing a web service for conducting online real time programming interviews. Made using Firebase, ACE editor and is completely client-side.

**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

- Wrote C++ code that can play Tic Tac Toe against humans and never lose.

## 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