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 Commitee
Sponsorship Team & Android + Web Developer

Hackers@VT
Co-Hacker Chair

Galileo Engineering Community

Education

Virginia Tech – Honors College	**India International School In Japan**
BS Computer Science, 2019	High School, 2015
Minor: Math	Score: 92.5%
Dean's List: Fall 2015, Spring 2016	
GPA 3.91	

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