





AKSHAY GOEL

akshay15@vt.edu 
akshaygoel.net 
(540) 425-6040 
AkshayGoelTech 

Skills

TECHNICAL

Java, C++
Android
MATLAB
HTML, CSS, JavaScript
Nodejs, MongoDB
Docker
Ruby on Rails
Linux, Unix
MIPS32, x86 Assembly
Amazon Web Services
Git

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

GPA: 3.91

Dean's List: Fall 2015, Spring 2016, Fall 2016, Spring 2017

India International

School In Japan

High School, 2015

Score: 95.2%

Employment

Rackspace - Software Developer Intern

May 2017 - Present

- Developing software to automate fanatical support for AWS by installing SSM agents on every EC2 instance that Rackspace customers have.
- Written in JavaScript and used Docker containers.

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

Yeast-Mutant Database (Undergraduate Research)

Jul 2017- Present

- Researched and created a computational infrastructure to support creation of a CRUD database of genetic mutants in NodeJS and, MongoDB

CodeView

Jul 2016

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

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

Bruce H. & Dorothy R. Pauly Scholarship, VT College of Engineering

June 2017

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