

# Saloni Goel

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## OBJECTIVE

Seeking an interesting full-time opportunity in January 2020 in tangible computer science solutions

## EDUCATION

BS - Computer Science & Mathematics Minor  
Virginia Tech

Graduating Dec 2019

GPA: 3.55/4

**Non-Major Courses:** Public Speaking, Acting, Theatre, Problem Solving, Choir at Virginia Tech, Writing

## SKILLS

Java (High)	C and C++ (High)	Linux Systems	MySQL	Gitlab, Agile Methods
Node.js, Javascript	Amazon Web Services	CSS, HTML	Data Structures & Algorithms	

## INTERNSHIP EXPERIENCE

Software Engineering Intern - Tensyr Inc, Palo Alto, CA

Aug-Dec 2018

- Made an autonomous solution for vehicular trajectories using Image Processing in OpenCV through fiducial marker detection and orientation analysis
- Achieved autonomous platooning for the prototype vehicle raspberry pi 3 car via graphs in the Tensyr graph deployment software 'Halo' (C, GStreamer, Raspberry Pi 3, OpenCV)
- Delivered a shipped demo to customers demonstrating applications on constrained hardware of the RPi 3

Software Dev Intern - The College Board, Reston (AWS Lambda, DynamoDB, and S3)

June-Aug 2018

- Fixed broken links using selenium automated testing on the team wiki saving 10 hrs of manual work
- Ensure score delivery sent automated daily report validations with automatic emails using AWS Lambda
- Saved 3 hrs/wk and reduced risk of impact to fulfillment timeline by automating emails to print vendors

## PROJECT EXPERIENCE

New York City Taxi Data Analysis - Predictions and Estimation (MATLAB)

Oct 2017

- Visually represented data, enabling clear deductions from their trends pertaining to taxi activity
- Optimized route, tip and waiting time predictions by analysis of the data and increasing revenue

Automated Driver Profiling (A.D.P.) Model -- HackathonPlusPlus (IIT Alumni Association)

April 2017

- Used cars OBD data to deduce vital info about the driver modeled as a way to structure a business
- Learned about ideation and pitch of large products in a competitive market and improvisations

ACL Auction System — Real-Time Auction Software (Client-Server Software Project)

Dec. 2016

- Used PHP to initiate changes in the SQL database on the server and perform CRUD operations
- Optimized the front-end by blending HTML, CSS, and JavaScript for speed and ease of use
- Auctioned players efficiently and real-time using this paid software for a club in India.

## VOLUNTEERING AND LEADERSHIP

Association for Women in Computing (AWC) P.R. Co-Chair, Virginia Tech

Virginia Tech Dean's List Fall 2017, Spring 2018

Undergraduate Teaching Assistant, Virginia Tech Foundations of Engineering

Undergraduate Representative Fall 2017, Indian Student Association at Virginia Tech

Tutor - In Java: For AP Computer Science & 10th-grade Computer Science (O.O.P; I.C.S.E Board) (2015-2017)

Tutor + Social Work - In Science for 1st to 7th-grade underprivileged students in Pune, India

Social Media Head & Core Member - TEDxPICT 2016 (TEDx Anchor Workshop 2017 - Infosys, Mysore)