

# Aahan Sawhney

<https://aahang6.github.io/>  
96aahan@gmail.com | 469.569.9488

## EDUCATION

### UNIV. OF TEXAS AT DALLAS

#### BS IN COMPUTER SCIENCE

May 2018 | Richardson, TX

GPA: 3.72/4.0

Received AES Distinction Scholarship  
(Full-Ride along with \$1000 stipend per semester)

Member of Collegium V Honors College  
Minor in Finance

### D.P.S. MATHURA ROAD

Grad. May 2014 | New Delhi, India

## SKILLS

### PROGRAMMING LANGUAGES

Proficient:

Java • C++ • JavaScript

Familiar:

C • CSS • HTML • Assembly

PHP • LaTeX • MySQL

### FRAMEWORKS

- ReactJS • React Native • Redux • DropWizard • Firebase/FireStore • Reladomo • Bootstrap
- JUnit • JQuery
- Unity 3D • Material-UI • Elasticsearch
- Kafka

## COURSEWORK

Intro. to Big Data

Android Programming and Concepts

Intro. to Machine Learning

Analysis of Advance Algorithms

Automata Theory

## USEFUL LINKS

<https://www.linkedin.com/in/aahan96>

<https://github.com/aahan96>

<https://facebook.com/aahan96>

<http://material-ui.com/#/>

<http://devpost.com/aahan96>

<https://ultrasound.tunerinc.com/>

## AWARDS

- 2015 Won Microsoft's "Best Use of Azure Software" Prize, MHacks V
- 2015 Won "Most Innovative Hack for Teaching and Learning", MHacks V
- 2014 Won 3rd Prize at TAMU Hack Fall 2014 for "Best Project"

## EXPERIENCE

### GOLDMAN SACHS | EQUITIES RISK STRAT ANALYST

Jul 2018 - Present | New York, NY

- Work on risk calculators used to calculate greeks (delta, gamma, vega, etc) for all Equity products.
- Developed risk metrics collection tool using Kafka and Elastic Search along with error classification for further analysis
- Designed avg cost and pnl calculators for US trade books
- Make significant improvements in graphing of exotic products using different caching techniques and other algorithmic changes
- Developed dashboard to monitor real-time risk and do aggregation on live tables while maintaining the low latency
- Responsible for ensuring the risk engines are working across the entire Equities trading desk and develop reliable numbers

### TUNER, INC (ULTRASOUND) | LEAD SOFTWARE DEVELOPER

Jan 2018 - Jun 2018 | Garland, TX

- Lead Programmer for the flagship app Ultrasound, developed using React Native, Redux, and Firestore support. The mobile app allows users to connect with their Spotify account and broadcast their music.
- Working on the main features in the app, including text messaging, session creation, and authentication
- Creating web socket connections to the backend services and the database leveraging Firestore's Shallow Querying.

### GOLDMAN SACHS | SUMMER TECHNOLOGY ANALYST

May 2017 - Aug 2017 | Irving, TX

- Worked on creating a web application for automating Financial Statement Footnote generation. The web based application is completely dynamic and gives the users ability to setup templates and retrieve them for customization using React/Redux
- Developed the feature to convert the prepared document on web to Financial Statements PDF format using iText framework
- Created back-end services for authentication and data transfer using DropWizard framework and Reladomo for Object Resource Mapping.
- Worked on establishing test-framework, along with various unit tests, for the application's front-end and back-end services, using Karma, Jasmine, and JUnit.

### CALL-EM-ALL | SOFTWARE ENGINEERING INTERN

Jan 2016 - Aug 2016 | Frisco, TX

- Contributed to the development and maintenance of Material-UI, a popular React framework for Google's Material Design, which is also the company's front-end framework. Material-UI: 18k+ stars on Github, was featured in React conference by Facebook, and is a top rated react framework.
- Contributed on an internal application used company-wide to manage user account for customer service representatives using .NET framework.
- Worked on establishing test-framework, along with various unit tests, for company's internal and external application, Xunit Testing Framework Environment.