# Aahan Sawhney

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## EDUCATION

### UNIV. OF TEXAS AT DALLAS
BS in Computer Science
Expected Aug 2018 | Richardson, TX
GPA: 3.7/4.0
Received AES Distinction Scholarship (100 % tution 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

## COURSEWORK

Operating Systems
Analysis of Advance Algorithms
Automata Theory
Data Structures and Algorithms
Computer Architecture
Discrete Mathematics in CS

## SKILLS

### PROGRAMMING LANGUAGES
Proficient:
Java • C++ • JavaScript
Familiar:
C • C++ • CSS • HTML • Assembly
PHP • LaTeX • MySQL

### FRAMEWORKS
•ReactJS • AngularJS • Bootstrap
• XUnit • .NET • JQuery
• Unity 3D • Material-UI

## USEFUL LINKS

https://www.linkedin.com/in/aahan-sawhney-703641130
https://github.com/aahan96
https://facebook.com/aahan96
http://material-ui.com/#/
http://devpost.com/aahan96

## SOCIETIES

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|---|---|
| 2015 | Co-Director at HackDFW |
| 2015 | AES Mentor for Fall 2015 |
| 2014 | Head of "Hackers Night" department at UTD |
| 2014 | Executive Officer of Hackers UTD |
| 2014 | Collegium V Honors College |

## EXPERIENCE

### CALL-EM-ALL | Software Engineering Intern
Jan 2016 - Aug 2016 | Frisco, TX
- Worked on developing and maintaining Material-UI (a React framework for Google's Material Design), company's front-end framework. Material-UI: 18k+ stars on Github, featured in React conference by Facebook, top rated react framework.
- Developed several APIs in .NET framework for company's desktop website, which included creating end points, updating internal rest APIs, and removing existing bugs.
- Wrote and performed various unit tests on company's API frameworks using Xunit Testing Framework Environment.

### CSMC - UT DALLAS | Computer Science Mentor
Aug 2016 - Present | Richardson, TX
- Enhance the understanding of college students in different areas of Computer Science, such as, Object-Oriented Programing, Implementing Data Structures, Analysis of Advance Algorithms, Discrete Mathematics of Computer Science, and Computer Architecture.
- Conduct review sessions for college students, helping them prepare for their upcoming exams in various Computer Science courses taught at college.

## PROJECTS

### OPERATING SYSTEM DESIGN  Oct 2016 | Richardson, TX
Designed a Operating System in C++ that simulated the working of CPU and Memory and how they interact with each other. Both processes ran simultaneously using pipes and forking processes.

### TRAVLLR  Sept 2015 | Philadelphia, PA
Started as a project for PennApps XII, not only does Travllr compile a convenient list of flights, hotels and the top attractions in the area, but our app also prepopulates a full itinerary with timestamps.

### CODE VIEW  Jan 2015 | Ann Harbor, MI
It is online source-crowded coding interview practicing website. Code View not only allows people to ask interview questions to each other, but also provides with a platform to compile their online code in 12+ programming languages.

### ATTACK ON TITAN (VIRTUAL REALITY)  Oct 2014 | College Station, TX
Created a game based on TV series, Attack on Titan, in Virtual Reality. Used Oculus Rift DK2 for creating the view and used Leap Motion and Myo band for registering hand gestures.

## AWARDS

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|---|---|
| 2016 | AES Continuing Student Scholarship ($1000) |
| 2015 | AES Continuing Student Scholarship ($4000) |
| 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" |
| 2014 | AES Distinction Scholarship (Full-Tuition Scholarship + $2000 per semester) |