

# 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 % tuition 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 •  $\text{\LaTeX}$  • MySQL

### FRAMEWORKS

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

## USEFUL LINKS

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

<https://github.com/aahan96>

<https://facebook.com/aahan96>

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

<http://devpost.com/aahan96>

## SOCIETIES

- 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 Programming, 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

- 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)