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

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

COMPILER DESIGN Oct 2016 | Richardson, TX
Designed a compiler 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)