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 (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 • C++ • CSS • HTML • Assembly
PHP • LaTeX • MySQL

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

COURSEWORK

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

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 Co-Founder of Hackers UTD
2014 Collegium V Honors College

EXPERIENCE

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 represenatives using .NET framework.
- Worked on establishing test-framework, along with various unit tests, for company's internal and external application, 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 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. Worked on Front-end using Angular and JQuery.

CODE VIEW Jan 2015 | Ann Harbor, MI
It is online source-crowded coding interview practicing website. Code View that allows people to ask interview questions to each other and compile their online code in 12+ programming languages.Created the Front-end design of the website using HTML, CSS, and Bootstrap. Won Microsoft's "Best Use of Azure Software" Prize and "Most Innovative Hack for Teaching and Learning" Prize.

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. Wrote various C scripts for the gameplay. Won 3rd prize for "Best Project Overall"

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-Ride Scholarship + $2000 per semester)