

Alan Samineedi

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WORK EXPERIENCE

Back End Developer, Project Empower, Remote

March 2023- Present

Working on software solutions and system architecture for underprivileged high schoolers in order to assist them with finding extracurricular advancement opportunities.

Policy Advocate, Policy Initiatives Institute, Remote

March 2023- Present

Working on advocating for bills for the organization in order to bring light on political issues and propose possible solutions in a nonpartisan manner.

Policy Fellowship Candidate, The Institute of Youth In Policy, Remote

February 2023- Present

Fellows develop and propose innovative solutions to current issues in a wide variety of mediums. Fellows will work with their peers, host other organizations, and mentors to gain a deeper understanding of the various sub-sectors related to their overall field of focus while also honing their project management, policy analysis, and development skills.

Consultant, The Institute of Youth In Policy, Remote

November 2022- Present

Offering expert insight to other youth policy organizations about organizational curriculum, structure, leadership, and day-to-day operations.

SKILLS

C++

C#

Unity

Python

SEO

JavaScript

Technical Writing

Public Policy

Editorial Writing

Policy Writing

AWARDS

Texas DECA 2nd Place (2023)

DECA ICDC Qualifier (2023)

Ranchview Pride of the Pack
(2022)

Superintendent's Scholar
(2022)

Conrad Innovator Status
(2022, 2023)

Top 10 in Texas in 2018 State
Geographic Bee

State Qualifier for 2020
National Geography Bee

Diamond Challenge Round 2
Qualifier (2022)

President's Volunteer Service

Project Director, The Institute of Youth In Policy, Remote

November 2022- Present

Leading a project to develop an online ideological assessment from scratch for people to know what political ideology their beliefs most align with.

Web Development Intern, Kurious365, Remote

May 2022- August 2022

Worked to optimize SEO for webpages and worked with sitemaps and XML.

Undergraduate Researcher @UNT, Denton, TX

September 2022- Present

Working in the Mixer Lab under Dr. Fred McMahan in UNT's Department of Learning Technologies, specifically the Virtual Human project, where we are working on a virtual human being that can assist us in studying how the brain learns and personalize that approach.

Skills: C#, C++, Unity, Teamwork, Project Management

CoFounder- EC Admit

October 2021- Present

Founded a business that tutors students in extracurricular activities, assisted in technology management and website development.

EDUCATION

Ranchview High School, Irving, TX

August 2020- May 2022

GPA: 4.0/4.0 Rank: 2/221

Taken 6 AP/IB/Dual Credit courses in 2 years.

AP Human Geography

AP World History

AP Chemistry

Award Gold (2021)

Mathcounts Top 50+ DFW region (2020)

Top 10 in County Spelling Bee (2019, 2020)

Varsity Orchestra Member (2022)

Winner of TD Jakes Hackathon (2022)

Texas History Day Qualifier (2023)

LANGUAGES

English (fluent)

Telugu (semi-fluent)

Tamil (semi-fluent)

Spanish (semi-fluent)

AP Calculus AB

IB Math A & I

UT Austin- OnRamps Physics 1

Clubs: Basketball, Orchestra, Chemistry Club, Model UN, TSA, Spanish Honor Society

Texas Academy of Mathematics and Science, Denton, TX

August 2022- Present

TAMS is an early college entrance program at the University of North Texas where students take a typical university course load in their junior and senior years of high school.

Courses: CSCE 1030
MATH 1710
ENGL 1315
CHEM 1413
CHEM 1430

Organizations: Mock Trial, Model UN, DECA, Game On, CSO, Ballot, Sports Club (Basketball), BPA, HOPE, Quiz Bowl

PROJECTS / EXPERIENCES

TEDxYouth @TAMS coordinator-October 2022

Coordinated the first ever TEDxYouth event at TAMS with the theme of the future, letting students have a space to speak their ideas regarding the future.

Quiz Bowl Staffer-October 2022- Present

Staffing Texas QB Association events by moderating and scorekeeping online games and tournaments.

Virtual Human Project— August 2022- Present

Working with fellow undergraduate researchers in the MxrLab to develop a virtual human being to study how the brain engages to video games and computer simulations.

Conrad Challenge- October 2022- Present

Came up with a new idea for the Conrad Challenge to use food waste as a power source, generating cleaner energy. I was responsible for research and graphic representations

for my team.

Conrad Challenge, Diamond Challenge, Blue Ocean Challenge— *October 2021- January 2022*

Worked to come up with the idea of reusing plastic waste to make environmentally friendly heart valves, develop a business plan, and record a pitch. I was in charge of technical and scientific tasks. I created 3D models, scientific reports, concept details, and technical summaries for the competition.

Computers for the Blind Volunteering— *January 2021- January 2022*

Volunteered over 120 hours for this charity. I refurbished used computers by fixing hardware, installing programs necessary for blind and visually impaired clients to use their computers, and packed finished systems.

TD Jakes Hackathon— *June 2022*

Winner of TD Jakes Hackathon. Led a team to create an app prototype called Flourish, where people who need mental health treatment can get matched to other people in their community who have overcome or have went through the same problems.

Coding Lessons— *March 2020- July 2020*

Taught friends coding, through tutorials in basic Python concepts and syntax.

Math, Chemistry, Physics Lessons— *August 2021- May 2022*

Teaching friends and classmates math, chemistry, and physics concepts to help them with their current courses.