Nilava Saha   Mobile: 512-351-5143

Email: nilavasaha10@gmail.com

Website: bit.ly/nilavawebsite

<u>**Interests:**</u>

Since expressing myself is important to me I end up starting small projects and tinkering with things. I have many creative ventures, such as a handmade website that contains my career and academic achievements, and maybe in the future, a homemade server ran on Linux that I can remotely connect to and store files. Currently, I am making a 4-cylinder engine that is 3D printable and operational.

<u>**Education:**</u>   August 2021 - Present

University of Texas at Austin *(Graduating Year of 2025)*

110 Inner Campus Drive, Austin, TX 78712 | (512)- 471-3434

- Junior Year of UT College of Natural Science - Computer Science
- Incorporated and applied advanced coding data structures.

John B Connally High School *(Graduating Year of 2021)*   August 2016 - June 2021

13212 N Lamar Blvd, Austin, TX 78753 | (512)-594-0800

●Class of 2021 Top 6%

●Pursued in Computer Science and Engineering pathways

<u>**Work Experience:**</u>

UT Outreach Summer Camps *(Assistant Teacher/Mentor)*   June 2023 - August 2023

T.S. Painter Hall, 103 W 24th St, Austin, TX 78712 | (512)-471-4992

- Provided an outlet for kids between the ages of 10-15 to gain additional support and assistance during camp residency.
- Instructed classes of 20-23 students on content like Electrical Engineering and Programming

 Walmart Supercenter *(Front-End Associate/ Cashier)*   July 2021 - August 2023

1548 FM 685, Pflugerville, TX 78660 | (512)-252-0112

- Periodically supervised a team of 8-12 employees
- Provided service and assistance to consumers and managed fiscal exchanges

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<u>**Projects**</u>

PintOS   January 2023 - May 2023

●Implement priority scheduling, argument passing, and system calls for users programs

●Expanded memory management to include virtual memory and page faulting.

●Converted a single-threaded file system into a multi-threaded, multi-level index.

Personal Website   January 2023 - Present

●Using HTML and CSS to design and format the front page of the website

Model Engine   July 2023 -

●CAD modeling a 4-cylinder engine using visual analysis of the Toyota 2JZ engine.

<u>**Skills**</u>

- Proficient in multiple programming languages
  - Java, C, HTML, Git, …
- Competent in Autodesk Family of Software
  - Inventor, Revit, 360
- Primed to Lead
- Competent in Office 365 Family of Software
  - Word, Powerpoint, Notes, Excel, …
- CNC, Laser Cutter, 3D Printers