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# Michael Shibu

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## Education:

Expected graduation May 2027

University of Houston

*Bachelor of Science, Computer Science*

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## Technical Skills/Scholarships:

Front End: Html, JavaScript, CSS,

Back End: Python, C++, PHP, Bash

Scholarships Awarded: Texas A and M Century Plus Scholarship 40K, UT Dallas Academic Excellence Scholarship Award 15K

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## Projects:

- Museum database website: <https://homiesmuseum.site>  
Developed a dynamic museum website with interactive exhibits and user engagement features. Integrated a backend database (MySQL) to manage content such as user profiles, media, and exhibit details. Used modern frontend technologies (HTML, CSS, JavaScript,) for an intuitive user interface, ensuring seamless interaction with the database through RESTful APIs and backend logic. Implemented secure authentication and media delivery through external services.
- Built a website for a barber and sold it: <https://width-sip-89536983.figma.site>
- Built a website for a taco truck and sold it: <https://easy-uneven-54519998.figma.site/>
- Built a website for a burger restaurant and sold it: <https://easy-uneven-54519998.figma.site/>
- Todo list app using JavaScript:  
Built a JavaScript-based to-do list app to manage tasks with features like adding, editing, deleting, and marking tasks as complete.
- Live code reloader library for C++:  
Developed a self-contained project that features a shared library and runtime for live code reloading in C++. Enabled dynamic updates during runtime to enhance development. Designed the library for reusability across executables and accounted for cross-platform compatibility.
- Reddit Bot:  
A program that reads and responds to comments/posts on reddit. It monitors specific subreddits and deletes/adds certain comments under posts.
- Autocorrect AI tool:  
Built an AI-based autocorrect tool in Python using TextBlob to fix spelling and grammatical errors. It Improves accuracy by addressing the contextual limitations with pre-trained NLP models like BERT and enhanced usability for better text correction in everyday applications.

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## Additional Info:

Languages: English- native, Malayalam- native, Spanish- professional working fluency

Interests: Basketball, finance, crypto, stock market, AI

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