

# Pasang Jangbu Sherpa

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## EDUCATION

**University of Houston** **Houston, TX 77004**  
*Bachelor of Science in Computer Science* *May 2023*

- **Relevant coursework:** Data Structures and Algorithms, C++ Object Oriented Programming, Computer Architecture and Organization, and Database Management
- **Proficient Language & experience:** C++, Java, HTML, JavaScript, React, Python, SQL, PostgreSQL, Git, Github, Microsoft Certified Azure Fundamentals
- **Organizations:** Society of Hispanic Professional Engineers(SHPE), and Cougars Computer Science
- **Interests:** Walking, TableTennis, Swimming, Anime,

## WORK EXPERIENCE

**American Express** **Phoenix, AZ**  
*Software Engineer Intern (Digital Acquisition Team)* *Jun 2022- Aug 2022*

- Worked in the Digital Acquisitions - International Global Prospects (Digital Experience Engineering) team in the tech business unit that builds the web applications that AMEX's prospective or existing card members complete to acquire a new consumer or small business credit card charge in the USA and 21 international markets globally
- Tracked user stories for the International Card Application Portal by utilizing JIRA and Confluence for technical documentation
- Built REST API with CRUD operations in Java for parsing payloads from API calls and writing information to PostgreSQL database.
- Wrote technical documentation on setting up various application backend functions
- Utilized agile methodologies, worked on user stories created from Invision mockups using AMEX's Design Language System (DLS), and presented demos in sprints

## PERSONAL PROJECTS

**Group Project Manager** **Houston, TX**  
*HTML, CSS, Javascript, React, Firebase* *May 2022- Sep 2022*

- Built and design a group project manager similar to Monday.com and asana for keeping track of project on different teams
- Used firebase for setting up and storing user data as a backend
- Special features include active users, dashboard for type of projects, due date on each project

**Tetris Game** **Houston, TX 77004**  
*Java, Object Oriented Programming* *Aug 2020 -Dec 2020*

- Develop responsive tetris game with object oriented programming based on C++
- Included and improved features such as keeping scores, two player option and background audio

**Pomodoro Timer - Chrome Extension** **Houston, TX**  
*Javascript, CSS, Google Manifest* *Jun 2021*

- Built a study timer based on pomodoro technique
- Sends notification when timer is up

## LEADERSHIP EXPERIENCE

**NSA-UH, University of Houston** **Houston, TX**  
*Assistant Treasurer* *Jan 2019 - Nov 2019*

- Organized and raised multiple sponsored events with a team of 10 driving the member of Association by 30%
- Kept track of budgeting and tab of more than fifty member along with their contribution