

# Taimour Hassan

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## WORK EXPERIENCE

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### Software Engineer Intern

June. 2024 – Aug, 2025

*Onsite*

- Developed Chrome Extensions (i.e. Email Extractor and Mail Merger).
- Deploy React Projects.
- Created Figma for Some Projects.

### Teacher Assistant – DSA

Sep. 2024 – Feb. 2025

*Punjab University College of Information Technology (Pucit)*

- Assisted professor in taking the labs for DSA and help managing quizzes and assignments for the class.

### Teacher Assistant – Assembly Language

June. 2024 – Aug. 2025

*Punjab University College of Information Technology (Pucit)*

- Assisted professor in taking the labs for Assembly Language created quizzes and other class activities.

### Teacher Assistant – Programming Fundamentals

Feb. 2025 – Present

*Punjab University College of Information Technology (Pucit)*

- Assisted professor in taking the labs for Programming Fundamentals

## Highlighted Personal Projects

#### 1. Brick Breaker Game in masm

- Developed a classic Brick Breaker game using MASM assembly language, demonstrating low-level programming and graphics handling.
- Implemented game logic, collision detection, and keyboard controls at the hardware-interaction level.

#### 2. Hotel Broker System

- Built a Hotel Broker System using Django and SQLite3 focused on robust database design and management.
- Implemented models, relationships, and queries to handle hotel listings, bookings and customer data.
- Wrote test cases to verify user flows
- Manually tested frontend and backend interactions for data consistency.

#### 3. Subjectify: (On-going)

- A web app that dynamically provides students with updated links to lecture notes, slides, and resources for their desired courses in real time.
- Designed to streamline academic access and improve course engagement

## EDUCATION

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### Punjab University College of Information Technology

anticipated May, 2026

*Bachelors in Computer Science*

*Lahore, PK*

- **GPA: 3.73/4.0**

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Languages:** C++, Python, JavaScript, React, Java, SQL (MySQL, sqlite3)
- **Tools/Frameworks:** Django, React, Node, Git, GitHub
- **Libraries:** C++ (pthreads, algorithm), Python (numpy, pandas, sklearn, seaborn, matplotlib), Java (util, servlets)
- **Concepts:** Statistics, Schema creation, Integration of Backend
- **QA:** Manual Testing, Bug Reporting (JIRA, Bugzilla), Functional and Regression.