Rubina Shrestha

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EDUCATION

- **Chulalongkorn University, Thailand**
  Master of Computer Science
  Jan. 2021 - Present

- **Assumption University, Thailand**
  Bachelor of Computer Science
  Aug. 2017 - June 2020

- **Xavier's Academy, Nepal**
  High School/Secondary School
  Aug. 2014 - Mar. 2016

- **Shuvatara, Nepal**
  Primary School
  May 2004 - Apr. 2014

SKILLS

- Python (Django)
- JavaScript
- SQL (PostgreSQL, MySQL)
- HTML5/CSS3
- Java
- PHP
- Git
- Agile/Scrum Methology

COMMUNICATION

- Nepali—Native
- English—Fluent
- Hindi—Conversational
- Thai—Beginner

EXPERIENCE

Teaching Assistant
Chulalongkorn University (Aug. 2021 - Present)

- Supervise students in class and provide extra help to the students with topics related to Python
- Grade coding assignments and provide feedback

PROJECTS

Smart AU Library (Facial Recognition System)

- Built a facial recognition system that recognizes and welcomes the registered members of the library
- Used OpenCV for processing the images and its Haarcascade Classifiers for face detection
- Utilized the Scikit-learn library for training and validating the models for facial recognition
- Language: Python, HTML/CSS
- Tools/Library/Software: OpenCV, scikit-learn, pandas, NodeJS
- Github Link: github.com/rubina-sth/SmartReception

AU Canteen (Online Food Ordering System)

- Built a web-app for ordering food online from the cafeteria that includes functionalities like searching for food items available in each food stall, viewing prices, adding food items to cart, making payment, and tracking the status of the ordered food.
- Designed and implemented the database schema
- Languages: PHP, SQL, HTML/CSS
- Tools/Library/Software used: MySQL
- Github Link: github.com/rubina-sth/AuCanteen

License Plate Recording System

- Developed an android application that recognizes plate number of captured Thai license plate, allows to record the information of the parked car of the residents
- Language: Java
- Tools/Library/Software: Android Studio, Cloud Vision API
- GitHub: github.com/rubina-sth/CarPlateChecker

CERTIFICATES

Python Django Dev to Deployment

- Certificate URL: ude.my/UC-55ec9163-aa46-4de7-843f-6885c1fa1dcb

The Complete SQL Bootcamp (PostgreSQL)

- Certificate URL: ude.my/UC-78822351-0093-4a3a-a002-ffc2e4f7a6e4