Dipendra Bharati
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Skills

- Programming Languages: **Java Python**   Frameworks: **Django Express**
- Frontend: **Html CSS JavaScript Bootstrap React**   Databases: **Mongodb   MySQL**   Cloud**: AWS**

Projects

Github: https://github.com/dipendrabharati

- **Csc 648 Software Engineering**   Jan – May 2020
  Performed as a team lead in a group of **5** students to create a **stock** market web application.
  Comprised of interactive Html, Css, Javascript, **Bootstrap** based web pages.
  Comprised of Django, Python based server-side and MySql database using **MySQL** Workbench.
  Created and maintained **Trello** Board.
  Created and maintained bi-weekly **Zoom** meetings.
  Tested all code on **AWS**.
  Pushed all code from AWS to deployment branch in **github**.
  Merged functional code from deployment branch to master branch.

- **Csc 667 Internet Application Design and Development**   Jan - May 2020
  Performed as a team lead in a group project of **7** students to develop a web application to sell products.
  Assigned task to each individual, set deadline and reminders every week.
  Utilized **React, Redux** for client side programming, **Express** and **Mongodb** for server side.
  Developed **API's** like transaction server, gateway server et cetera.
  Deployed the website on AWS using **Docker** containers**.**

- **Csc 413 Software Development**   Aug – December 2019
  Build **13 Java Class** to create a **Tank** game.
  Comprised of a main class with more than **500** lines of code.
  Utilized **encapsulation** for game variables like bullets, sprites.
  Utilized **inheritance** to extend from abstract class, AbstractGame.
  Utilized **Polymorphism** by extending Bullet, Wall, Tank class from AbstractGame.
  Utilized **Composition** to use Bullet objects inside the Tank class.

- **Csc 675 Database Systems**   Jan-May 2020
  Created a general purpose database from scratch for buying and selling.
  Created business rules, ER diagrams, **databasemodel** and **schema** using **MySql** Workbench.
  Tested the schema using various **SQL queries** like Insert, Delete, Update and so on.
  Developed an **UI** to test the functionality of the database.

Experience

- **Security Officer** - Corporate Security Services, San Francisco, CA   March 2019 -Present
  Monitored **12** floors of the residential building through multiple desktop screens.
  Assisted **hundreds** of residents with check in/out, move in/out and so on.
  Made reservations for shared space for events during each shift.
  Registered **dozens** of incoming packages during the **40** hours work week.
  Co-ordinated with supervisor, janitor, engineers, co-worker for smooth operation of the building.
- **Library Assistant**-Contra Costa College, San Pablo , CA   May – Aug 2016
  Assisted **hundreds** of students for finding required library resources by working **20** hours per week.
  Created stage for library events as well as organized books using book shelving strategies.

Education

- **San Francisco State University**   Aug 2018- May 2020   Bachelor of Computer Science
- **Contra Costa College**   Jan 2016-May 2018   Associate Degree

Extra-Activities

- **President Fellowship and Leadership Program** (SF state)
  Participated and shared opinions in the biweekly meeting of **35** students.
  Acquired leadership as well as social and emotional intelligence skills.

Languages

- English Nepali Hindi