SUVEN PANDEY

Kathmandu, Nepal

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EDUCATION

Tribhuvan University   **2018 – 2023**
Bachelor's in Computer Engineering   *Kathmandu, Nepal*

St. Xavier's College   **2016 – 2018**
10+2, Science   *Kathmandu, Nepal*

EXPERIENCE

MLH Prep Fellowship   **August 2022**
- A 3-week program organized by **Major League Hacking(MLH)**, an organization with more than 100,000 community members worldwide
- Educational program built to provide hands-on experience for professional software engineer

PROJECTS

Deia ⧉ | Python, Javascript   **2022**
- Developed a web app that aims to make the internet diverse, equitable, inclusive, and accessible(DEIA) by teaching developers the basics of accessibility
- Won Best Inclusivity Hack at Support-a-thon out of 133 participants

Online Job Portal ⧉ | Typescript, NodeJS, ExpressJS, Python, React, MySQL   **2021**
- Built responsive app using ExpressJS, React and Quart that allows users to post, find and apply for jobs
- Generate job recommendation and send a notification to the corresponding user
- Uses ontology-based approach for skill parsing
- Performs SPARQL queries against RDF triplestore for parsing skills
- Uses weighed cosine similarity for compatibility score

Pacman ⧉ | C++, OpenGL   **2021**
- Clone of a popular game released in 1980, Pacman
- Uses matrix transformations for simulating sprite movement
- Implements unique behaviour for all game characters

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Discrete Structure
- Software Engineering
- Operating Systems
- Object Oriented Programming
- Database Management System
- Artificial Intelligence
- Computer Graphics
- Data Mining

TECHNICAL SKILLS

- **Languages:** JavaScript, Typescript, Python, C, C++, SQL, HTML, CSS
- **Developer Tools:** VS Code, Postman, DevTools, Azure Pipelines, Docker
- **Technologies/Frameworks:** Linux, GitHub, ReactJS, NodeJS, ExpressJS, Git, Flutter, Bootstrap

EXTRACURRICULAR

- Open Source Contributions in VSCode
  Various bug fixes in testing, keybinding, word wrap and bracket colourization
- Competitive Programming
- Hackathons
  Won several hackathons

CERTIFICATIONS

- Google IT Support Specialization⧉
  Google
- Python For Everybody Specialization⧉
  University of Michigan
- Internet History, Technology, and Security⧉
  University of Michigan