

# SANAD J THAPA

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## CONTACT

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## EDUCATION

### Bachelor of Science in Computer Science

Portland State University

Sept 2018 - Dec 2022

GPA: 3.28

*Expected Graduation Dec 2022*

**Associate of Science - 2018**

Portland Community College  
2015 – 2018

### Technical/ Programming Skills

JavaScript, C++, C,  
Git Version Control,  
Node JS, React, Sails JS,  
MongoDB, MySQL, Mocha,  
Chai.js, AEM, Java, RUST,  
Python, HTML, CSS  
Object Oriented Programming

### Relevant Courses

Operating System  
Data Structures  
Software Development Cycle  
SQL and Non-SQL Databases  
Discrete Structures  
Programming Systems  
Web Development Object-  
Oriented Programming Front End  
Web Development

### Interpersonal Skills

Collaboration  
Team Player  
Conflict handle, Research  
Problem-Solving  
Bilingual Communication

## CAREER OBJECTIVE

Passionate Computer Science Senior Student looking for Entry Level role after I graduate in dec 2022 where I can grow and learn from other experienced team members as well as learn, upskill, and acquire skills that can shape me as a valued professional.

## WORK EXPERIENCE

### I. Software Application Development Engineer (Intern), Intel Corporation (2022 Jan - current)

- As a part of the Customer Experience Team, collectively worked on improving Intel.com Web development Space by offloading functionality into microservice and participated in code deploying and provided support to the team.
- Built a microservice to offload functionality** from intel's enterprise server into a Nodejs microservice which helped reduce the load from intel's enterprise servers.
- Participated in **Agile Software Development** method and participated in daily SCRUM meeting and kept track of assignments using Jira.
- Participated in mentoring three new interns and ramping them up to speed on intel.com infrastructure interns by reviewing their Code as well as training them with the internal code framework and unit testing.
- Created a java servlet for Adobe Experience Manager Content Management System to fetch the necessary data through this endpoint.
- Tools/Skills used:** Adobe Experience Manager (AEM), Jira, Nock, Node.js, Sails.js, MySQL, Chai.js, Mocha, JavaScript, GitHub, Stored Procedure, Nock, and Java.

### II. Linehaul Coordinator, FEDEX (2019 Dec to 2021 Dec)

Responsible for setting up, overseeing, and supervising all aspects of the FedEx Logistics linehaul operation and monitoring facility reporting metrics related to service, safety, cost, and quality daily.

## Relevant EXPERIENCE / Projects

### I. Full-Stack Development (Software Dev Class Projects 2021 - 2022)

- Chat App (MERN Stack)** - Built frontend and backend for an instant messenger chat app using MongoDB, Express, React, and Node JS that allowed users to create accounts and verifies them using authentication and allowed attendees to chat with each other. This app is limited in functionality which utilizes socket.IO.
- Guess the word Game (socket.IO)** - Built a Nodejs, Socket IO-based game where more than one player can get into a chat room to play the Guess the word to earn points to win. This app is limited in functionality but utilizes Socket IO's real-time communication.
- Currency exchange App (Chart.JS)** - Built a currency exchange app that fetches data from currency API and utilizes chart.js to visualize each of them animated and customizable bar, line, or pie chart.
- Google Maps Platform 101 (Google Map API)** - Added a Google Map to my website by using Map JavaScript API from google which enabled me to use the feature of google maps to track my favorite places located near me.

### II. Computer Vision and Machine Learning (Software Dev Capstone Project) (June 2021 - December 2021)

- Trained an Image Classifier for an Oregon Based Video Processing company Sightline applications to identify cars and Humans.
- Put together a dataset of images, cleaning it, and modifying the raw data to fit the dataset used for the training model by retuning, and retesting the Image classifier.
- Participating and brainstorming in weekly SCRUM team meetings with a team of 6 members on machine learning to discuss our approach on problem solving.

## ACTIVITIES/ Volunteer

- Volunteer Trainer and Table Tennis Player, Portland Table Tennis Club** – As a member of the PTTC team, I led an initiative to mentor and coach new player and help them learn how to get started in learning table tennis.
- Video Editor (2018-2020)** – Experience editing video with Sony Vegas and familiar with sound effects, graphics, and special effects to produce a final film or video product.