

MOHAMMAD NABI NOORZAI

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EDUCATION

San Diego State University

Bachelor's in Computer Science

San Diego, CA

Spring 2025

- Relevant Coursework: Software Engineering, Data Structures and Algorithms, Operating Systems, Software Systems, Programming in Java, Python, C/C++

GPA: 3.3

TECHNICAL SKILLS

- Programming Languages: C/C++, Java, Python, Javascript
- Web Development: HTML, CSS, Bootstrap
- Databases: MySQL, GraphQL, MongoDB
- Tools & Technologies: Git, Heroku, Linux/Unix

PROJECTS

Pac3Man Search Project

- Implemented and enhancing search algorithms for the Pac3Man game, completing key assignment questions and delivering code modifications.
- Utilized autograder for testing and validation, ensuring accurate performance.
- Technologies: Python, search algorithms, autograder tools.

CPU Scheduling Algorithms Implementation

- Developed and evaluated four fundamental CPU scheduling algorithms: First Come First Serve (FCFS), Shortest Remaining Time First (SJF), Priority Scheduling (PS), and Round Robin (RR).
- Created and tested algorithms alongside dynamic Gantt charts to visualize execution sequences.
- Technologies: C/C++, data structures, command-line interfaces, Gantt charts.

PGM Image Manipulation Project

- Overcame challenges with file header formats, dynamic memory allocations, and file writing procedures, by applying strong problem-solving skills and technical knowledge.
- Implemented matrix rotations and threshold functions, ensuring correct image orientation and enhancing processing capabilities and
- Technologies: C/C++, dynamic memory management, algorithm optimization, PGM image processing.

EXPERIENCE

Amazon Flex

Self-Employed (Delivery Driver)

Oct 2017-Present

San Diego, CA

- Efficiently managed order pickups and deliveries from Amazon warehouses to customers.
- Resolved delivery issues and ensured accuracy and safety while maintaining high standards in punctuality, service quality, and customer satisfaction.

San Diego Mesa College

Tutoring Center, and STEM Center Moderator

Feb 2019-June 2021

San Diego, CA

- Managed front desk operations and provided customer service support.
- Served as a liaison between students and tutors, ensuring smooth communication and service delivery.
- Organized and managed data entry, room reservations, and appointment scheduling to optimize time management and operational efficiency.