

# Ahmed Sazid Raiyan

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## EDUCATION

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**Sacramento City College** 2020 - Present  
B.S Computer Science & Engineering GPA: 4.0  
**Relevant Courses** - Mechanics of Solids and Fluids, Electricity and Magnetism, "Heat, Waves, Light and Modern Physics," Object Oriented Programming with C++, Data Structures, Calculus 3, Differential Equations, Linear Algebra

## SKILLS

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- C++, Python, C#, JavaScript, Java, SQL, Assembly Language
  - Strong leadership, problem solving, analysis skills
  - Experience working in individual and group settings
  - Effective verbal and written communication skills

## EXPERIENCE

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**MindHome Inc – Software, AI and Web Development Engineer** Nov 2022 – Feb 2023

- Analyzed data to determine coding requirements for specialized scripts.
- Tested Robotics Utilities to be used for robot simulation.
- Utilized ROS2 to develop launch files in python that enable autonomous and teleoperated control of robots.
- Compared data between multiple data sets to determine the optimal tool for robot simulation.
- Multi-tasked across multiple functions and roles to meet deadlines and organizational expectations.
- Provided ongoing feedback on week-to-week basis to both junior engineers and senior leadership on individual performance metrics and observations, leveraging strong communication skills to facilitate collaboration.

**Davis Unified School District – Kitchen Helper** Feb 2019 – Feb 2020

- Operated standard kitchen equipment with focus on safety and sanitation.
- Successfully fulfilled 20+ daily student orders as cashier
- Monitored inventory deliveries to minimize product losses and prep for service.
- Labeled and stored all food items correctly and checked expiration dates routinely.
- Cleaned and sanitized dishes and utensils, consistently keeping adequate supplies on hand for expected customer loads.

## PROJECTS

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**Inventory Management Script** Nov 2022 – Dec 2022

- Used software development cycle to analyze, design, and implement an inventory management script that keeps track of materials in a specialized grid.
- Organized collected data and visualized it in a led monitor.
- Employed pertinent data to propose inventory requisitions for specific materials upon their depletion below a predefined threshold.