**Parmvir Singh**

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<https://www.linkedin.com/in/parmvirs/>

**EXPERIENCE**

**Embedded Systems Engineer** Aug 2020 - Present

Network Sound| Sacramento, CA

* + Assisted in designing and implementing software of embedded systems for the professional and consumer audio market using esp32 microcontroller.
  + Collaborated in developing a web-based application for audio products for user-friendly operations.
  + Developing a GUI using windows API in C++ to run tests on development boards.
  + Knowledge in handling application development life and software development.

**Prime Now Associate** Dec 2017 – Feb 2020

Amazon | Sacramento, CA

* + Worked in a super-fast paced environment to meet daily goals.
  + Provided services efficiently with high level of accuracy.
  + Problem solved minor technical difficulties.

**Cashier** Aug 2015 – Dec 2017

Mountain Mikes Pizza | Elk Grove, CA

* + Engaged with customers warmly and provided immediate and dedicated assistance.
  + Assisted customers with prompt and polite support in-person and via telephone.

**PROJECTS**

**Autonomous Hydroponics Greenhouse**

* Designed, developed, evaluated, and managed an autonomous plant growing system using hydroponics with a 4-member team.
* Implemented various sensors using Raspberry-Pi to execute essential functions and remotely transfer collected data such as temperature, humidity, and pH into a database.
  + Managed complex hardware, software, and network problems to accurately resolve issues, and prepare reports summarizing and analyzing the issues for documentation.

**Analog Closed**

* Created an analog clock to tell the current time.
* Designed the clock using HTML, CSS, and JavaScript.

**EDUCATION**

**California State University, CA** | Bachelor of Science in Computer Engineering May 2020

* GPA: 3.5/4.0
* *President*, Sacramento Sikh Society.
* *Member,* Society of Women Engineers.
* *Volunteer*, Expanding Your Horizons; United Sikh Movement

**SKILLS**

C/C++ | JavaScript | HTML | CSS | Java | Python | SQL | Linux/Unix | TCP/IP | Windows | Database | Networking | Raspberry Pi | Critical thinking | Problem Solving | Team-oriented| Detail Oriented | Adaptive Learner | Communication Skills|