

Nicholas Perez-Aguilar

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WORK EXPERIENCE

Kings View **Fresno, CA**

EHR Data Analyst I OCT '22 – Present

- Contribute to quality assurance processes to uphold the integrity and accuracy of EHR data, ensuring high data quality standards are maintained.
- Identify and implement process improvements within EHR systems to optimize workflows and enhance operational efficiency.
- Stay abreast of regulatory changes, adapting data practices to maintain compliance with standards such as HIPAA.
- Develop and execute efficient data extraction processes, ensuring accurate collection and organization of patient data.
- Leveraged Fresh Service to streamline documentation processes and efficiently manage support requests, collaborating with stakeholders to enhance system usability and performance.

Clovis Computer **Reedley, CA**

Computer Technician FEB '21 – DEC '21

- Contributed to the seamless operation of computer systems by efficiently troubleshooting and resolving hardware and software issues, ensuring minimal downtime and optimal functionality.
- Upheld an initiative-taking and solution-oriented approach to address computer-related issues, highlighting a strong work ethic, adaptability, and a commitment to resolving challenges efficiently.
- Educated customers on available repair and build options, providing tailored recommendations to meet their specific needs, aiming to save them time and money by offering cost-effective and efficient solutions.
- Conducted comprehensive diagnostics to identify system vulnerabilities and implemented preventative measures, enhancing overall system security and performance.
- Assisted in the setup and configuration of new hardware and software installations, ensuring proper integration and functionality within existing systems.

PERSONAL PROJECTS

Beat Trainer MAY '18 – JUN '18

- Developed an interactive rhythm training game to enhance musicians' timing skills using an embedded device with manual hand-tapping input.
- Integrated game outputs with Google Forms and an Excel sheet, acting as a database to track progress and improve user experience.

Card Reader for SHPE at UCR AUG '18 – JUN '18

- Designed a card reader system to streamline guest sign-ins by extracting data from student ID cards, drastically reducing manual entry time.
- Enhanced meeting efficiency by integrating the card reader with Google Forms, automatically registering returning members within seconds.

Seatbelt Savior (Winner: <https://goo.gl/vAzKA2>) NOV '18 – DEC '18

- Created a system inspired by Tesla to monitor seatbelt usage and take corrective actions, including emergency stops and DUI detection.
- Developed features to deactivate unused seats and alert emergency contacts in case of impaired driving, enhancing overall vehicle safety.

Walmart APR '20 – OCT '20

- Engineered a system using Arduino and Raspberry Pi to track order totes, improving staff efficiency by pairing with Walmart's existing TC system.
- Developed a remote database setup, enabling quick identification and location of totes, significantly optimizing daily operations, and reducing search times.

SKILLS

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|-------------------------|-----------------------|----------------------|-----------------------|
| • Microsoft Office | • Fresh Service | • Problem-Solving | • HTML – Intermediate |
| • Python – Intermediate | • Quality Assurance | • C++ – Intermediate | • Communication |
| • EHR Data Analysis | • Data Extraction | • Technical Support | • CSS – Beginner |
| • Process Improvement | • Adaptability | • Automation | • Leadership |
| • Remote Support | • Team Collaboration | • Diligence | • Time Management |
| • Customer Service | • Continuous Learning | • Strategic Planning | • Creativity |

EDUCATION

Bachelor of Science (BS), Computer Engineering **Riverside, CA**

University of California, Riverside (UCR) Graduated JUN '20