



HECTOR ALVAREZ

1881 Silva Dr., Santa Maria, CA 93454, (805)717-7738, hect16@gmail.com

PROFESSIONAL SUMMARY

Strong in design and integration problem-solving skills. Skilled in Python, and JavaScript web Development utilizing tools such as NodeJS, React, Flask and Django. Apt in developing business plans, requirements specifications, user documentation, and architectural systems research. Strong written and verbal communications. Graduating with a MS in Software Development in December 2021.

SKILLS

- Python, JS/NodeJS, C#
- Javascript/HTML/CSS
- React/ReactNative /Xamarin(.NET)
- AWS
- Bash/Shell
- SQL/NoSQL Databases
- Linux/MacOS/Windows
- Agile

EXPERIENCE

Manufacturing Engineer

March 2019 - May 2021

North American Fire Hose Corp. | Santa Maria, CA

- Aided implementation of new designs by estimating costs, production times, and staffing requirements.
- Enhanced designs by investigating, tracing, and correcting identified problems.
- Boosted efficiency in existing operations with incorporation of new manufacturing methods.
- Reduced costs by evaluating material use variances and other costly issues.
- Improved polymer manufacturing processes, using production expertise and collected data to implement proactive changes.
- Worked effectively with diverse team to accomplish daily objectives and meet long-term goals.

Engineering Technician

July 2015 - September 2017

Santa Barbara Public Works | Santa Maria, CA

- Helped team handle high-volume work by prioritizing tasks and organizing supplies.
- Collaborated with team members to meet daily demands and handle challenging projects.
- Helped develop labor budgets for projects and detailed estimates of construction costs.
- Assisted with building project schedules and planned work in line with schedule demands.
- Improved drawings with advanced use of AutoCAD tools and file management capabilities.
- Drafted detailed and assembly drawings of design components.

EDUCATION

Masters of Science, Software Development

December 2021

Maryville University, St. Louis, MI

Bachelors of Science, Mechanical Engineering

September 2018

University of California, Irvine, Irvine, CA

PUBLIC PROFILES

- <https://github.com/clouds16>
- [linkedin.com/in/hector-alvarez-toledo](https://www.linkedin.com/in/hector-alvarez-toledo)
- <https://stackoverflow.com/cv/hector-alvarez-toledo>