

# David A. Perez

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## CAREER OBJECTIVE

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Graduate from my bachelor's in Mechanical Engineering in May 2021. Pursue a master's degree in Mechanical Engineering to expand my knowledge. Work hard at a company to build my career path.

## EDUCATION

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### JACKSONVILLE UNIVERSITY, Jacksonville, FL

*Bachelor of Engineering in Mechanical Engineering, May 2021*

- GPA: 3.71 and making Dean's list since 2017.
- Learned microcontroller programming, 3D printing, basic machine shop equipment (CNC, Bridgeport, Lathe, table and vertical saw).
- Designed a PV/T cooling system that stores excess energy for Fluid Dynamics.
- Searched and generated possible conceptual solutions to improve future knee brace and selected the best one according to determined criteria for Manufacturing.
- Working on a health screening device for COVID-19 that will be presented in NCUR this spring.

## CORE COMPETENCIES

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|--------------------------|-----------------------|
| • Communication          | • Product Design      |
| • Detailed and Organized | • Process Improvement |
| • Impact and Influence   | • Problem Solving     |
| • Leadership             | • Teamwork            |

## PROFESSIONAL EXPERIENCE

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### EASTERN ENGINEERING GROUP, Doral, FL

*AutoCAD drafter, May 2018 – July 2018*

- Provided support to administrators and employees.
- Assisted in daily office needs and managing general administrative activities.
- Improved AutoCAD knowledge and executed basic level tasks.

*AutoCAD drafter, May 2019 – July 2019*

- Performed research in critical new set of skills in AutoCAD for the company (Dynamic Blocks).
- Educated employees on the use of the new set of skills.
- Implemented the research in new projects improving the efficiency of the work.

*Engineer intern, May 2020 – July 2020*

- Got assigned with new projects from clients.
- Interacted with those clients to generate a well detailed proposal with drawings.
- Calculated the different loads of the structures drawn to ensure the system worked.
- Completed the proposal and calculations and sent them to my supervisor.

## ADDITIONAL SKILLS

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- Bilingual Spanish and English. Speak and write both languages fluently.
- Proficient in Microsoft Office, AutoCAD, SolidWorks and Fusion 360. Also, knowledge of Mathcad, Ansys, LabView, MATLAB.
- Captain of the Jacksonville University Sailing Team 2020-2021.