

Leonel Pena

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Software Engineer with 2 years of experience developing tools, APIs, and processes for end test users. Instrumental in team planning and knowledgeable in algorithms and data structures. Successful in developing solution for multiple teams and customers on a speedy basis.

PROFESSIONAL EXPERIENCE

THE BOEING COMPANY, Mesa, AZ

Programmer, February 2020 – Present

- Develop and maintain several APIs that are used to automate and communicate with external proprietary software
- Implemented several features for test users such as automated target creation and flight control.
- Create and apply technical requirements specified during PI planning
- Collaborate with business owners and product owners to improve upon the already existing functionality
- Implement Agile training and procedures to determine the best work to be delegated to teammates

PARASOL LABS, College Station, TX

Undergraduate Researcher/Intern, June 2017 – August 2017

- Using motion planning, we built several scenarios for simulated objects to traverse the virtual environment.
- Collaborated with graduate students on their thesis and wrote a paper on the subject of motion planning and
- Learned how to use LaTeX and website management due to making our research publicly available online.

EDUCATION

University of Texas Rio Grande Valley, Edinburg, TX

Bachelor of Science in Computer Science, December 2019

Honors: *Cum Laude* (GPA: 3.56/4.0)

South Texas College, McAllen, TX

Associates of Science in Computer Science, May 2017

Honors: *Summa Cum Laude* (GPA: 3.95/4.0)

ADDITIONAL SKILLS

- **Programming:** Java, C++, C, HTML/JavaScript, Python
- **Tools:** Git, Linux/Unix, Confluence/Jira