

# Sean V. Saliga

📍 Clearwater, Florida, 33761, United States    📞 7272189394    ✉️ sv.s.2k15@gmail.com    in Sean Saliga  
🔗 SciCapt    🖱️ Personal Webpage

## 👤 PROFILE

Physics and engineering oriented student with various skills from CAD and circuit designing, to coding with Python, MatLab and HTML. Wishing to put to use a well-developed appreciation for STEM and research.

## 🎓 EDUCATION

Aug 2020 – May 2023 Gainesville, Florida	<b>Bachelor's in Physics</b> , <i>University of Florida</i> 3.84 GPA, Physics & Math Minor, Expected Graduation May 2023
Aug 2018 – May 2020 Tarpon, Florida	<b>Associates's in Arts</b> , <i>St. Petersburg College / Countryside High School</i> 4.0 GPA, Aerospace Engineering, Graduated with Diploma and AA

## 🏢 PROFESSIONAL EXPERIENCE

Aug 2021 – Jan 2022 Gainesville, Florida	<b>Research Assistant (Data Analysis)</b> , <i>University of Florida</i> <ul style="list-style-type: none"><li>• Demonstrated proficiency with ability to rapidly acquire new skills (such as using new programs) and information such as material characteristics</li><li>• Individually conducted multiple experiments to collect necessary data. Completed various phases of data analysis and experimentation.</li></ul>
Jan 2019 – Aug 2021 Clearwater, Florida	<b>Math Tutor</b> , <i>Mathnasium</i> <ul style="list-style-type: none"><li>• Successfully taught upwards of four to five students at once</li><li>• Practiced mathematical skills up to calculus to remain fluent in ability to teach</li><li>• Maintained ability to properly communicate student's results to parents</li></ul>

## 🧠 TECHNICAL SKILLS

### Circuit Experience

- 3 years of experience with through-hole architecture and testing circuit designs using breadboards
- Experience includes usage of oscilloscopes, signal generators, multimeters, etc.
- Background with operational amplifiers, inverters, DC voltage converters, MHz oscillators etc.

### Design Software Experience

1. LTSpice (Circuit Simulations):
  - 1 year of experience
  - Knowledge of AC, DC, parameter and noise simulations
2. SolidWorks (2020):
  - Have modeled various parts for hobby projects, such as a custom radial engine design (see Personal Webpage)

### Coding (Various Languages)

1. Python:
  - 2 years of experience (Matplotlib, Pandas, Numpy, etc.)
  - Completed many personal projects, such as chess AIs and custom neural nets (see GitHub and Personal Webpage Projects)
2. MatLab:
  - 1 years of experience
  - Various skills from linear algebra to image manipulation
3. HTML:
  - Most recently learned language, particularly to construct the Personal Webpage listed above

### Primary Soft Skills

- Problem Solving
- Interpersonal Ability
- Dedication and Patience