

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 circuit and 3D 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	Bachelor's in Physics , <i>University of Florida</i> 3.84 GPA, Physics & Math Minor, Expected Graduation May 2023
Aug 2018 – May 2020 Tarpon, Florida	Associates's in Arts , <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	Research Assistant (Data Analysis) , <i>University of Florida</i> <ul style="list-style-type: none">• Demonstrated proficiency with ability to rapidly acquire new skills (such as programs like OPUS) and information such as material characteristics• Individually conducted multiple experiments to collect necessary data. Completed various phases of data analysis and experimentation.
Jan 2019 – Aug 2021 Clearwater, Florida	Math Tutor , <i>Mathnasium</i> <ul style="list-style-type: none">• Successfully multi-tasked, teaching upwards of four to five students at once• Practiced mathematical skills up to calculus and remained fluent in ability to teach• Maintained ability to properly communicate student's results to parents

🧠 TECHNICAL SKILLS

Circuit Construction

- 3 years experience with through-hole and breadboard architecture
- Background with operational amplifiers, inverters, DC voltage converters, MHz oscillators etc.

Design Softwares

LTSpice (Circuit Simulator):

- 1 year of experience
- Knowledge of AC, DC, parameter and noise simulations

SolidWorks (2020):

- Basic experience — most recent software learned
- Have modeled various parts and engines for hobby projects (see Personal Webpage)

Coding (Various Languages)

Python:

- 2 years experience
- Completed many hobby projects (see GitHub and Personal Webpage)

MatLab:

- 2 years experience
- Various skills from linear algebra to image manipulation

HTML:

- Most recent language practiced
- Main HTML project is the personal page listed

Primary Soft Skills

- Problem Solving
- Interpersonal Ability
- Dedication and Patience