

CERTIFICATIONS

- **Active DoD Secret Clearance**

EDUCATION

- **Florida Institute of Technology** Melbourne, FL
Bachelor of Science in Computer Science; GPA: 3.00 *Aug. 2015 – Dec. 2019*

EXPERIENCE

- **Army Reserved Officer Training Corps (ROTC)** Melbourne, FL
Planning and Communications Officer (S5/S6) *August 2015 – Present*
 - **Event Organization:** Organize and plan major training events for over 100 cadets.
 - **Leadership:** Maintained leadership position of 30 person group, held group members accountable for supplies and task deadlines.
 - **Tutoring:** Assist cadets with studies in computer science and related topics.
- **MSM Group inc./iSite** Cocoa Beach, FL
Software Engineer Intern *May 2018 – August 2018*
 - **Amazon Web Services (AWS):** Used AWS, specifically cloudwatch and S3, for server observation and database/storage maintenance.
 - **.Net Core:** Used the .Net Core framework to maintain and build software for a work-flow based web application.
 - **Database Systems:** Used MySQL and MariaDB for the manipulation and use of databases to store customer information.
- **High Energy Physics (HEP)** Melbourne, FL
Information Technology *August 2015 – Present*
 - **Computer Maintenance:** Resolved hardware and software issues of lab equipment by reallocating resources, performing computer hardware diagnostics, and troubleshooting data analysis scripts.

PROJECTS

- **Tactical Health and Accountability Monitoring System (THAMS):** Developed software and user interface of a device designed to monitor aspects of a soldiers health (heartbeat, respiration) while in a tactical environment.
- **VEX-U ‘Nothing but Net’ Robot 2016:** Designed hardware and software for main robot used in the VEX-U 2016 ‘Nothing but Net’ Challenge, placing top 25 in the world out of 300 teams.
- **Typhon:** Designed software to interface motors with Arduino for the movement of an extra-terrestrial vehicle.

SKILLS AND QUALIFICATION

- **Proficient Languages:** C, C++, C#, Java, Python, L^AT_EX
- **Familiar Languages:** FORTRAN, Javascript, PHP, MySQL, Bash, PowerShell, GO, MASM, Markdown
- **Technologies:** AWS, Nessus, Visual Studio, Linux, Microsoft Office Suite, EMACS

REFERENCE

- **Giancarlo Santos:** Electrical engineer at Northrop Grumman, 2nd Lt. in the United States Army, and partner in the THAMS project.
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- **Justin Anderson:** Contracted Software Developer for MSM Group Inc/iSite.
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