

James Spies

I am a college graduate with a B.S. in Computer Science. Currently employed with the Florida Auditor General as an IT Audit Analyst. I am always exploring my options and looking to expand my horizons.

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EXPERIENCE

Florida Auditor General, Tallahassee, FL — *IT Audit Analyst*

June 2021 - Present

Maintain the internal applications that the auditing staff use on a daily basis

Assist with database transactions to show various data analyses

Operate on any bug fixes in the legacy system they have in place, and convert any systems to newer models if possible

PROJECTS

NASA LEC Robotic Mining Competition — 2020-2021

I was part of a 3-man software subteam creating a full control system for the Florida Tech NASA LEC team's robot.

What I accomplished:

- Constructed a .SDF and .URDF model as a simulation for controlling the robot in Gazebo and ROS
- Wrote the controller code for moving the simulation model forward, backward, left, and right with an Xbox controller
- Renovated controller code so it interfaces properly with the physical robot
- Helped write the documentation and monthly reports
- Given status updates to our team lead and managed weekly goals

MailPile Github Project — 2019

This was my first large-scale coding project. I worked with a team of four to add features to this community project on Github.

Our end results for this project were:

- We successfully added a 'Factory Reset' button
- Added documentation to GitHub main project page

TECHNICAL SKILLS

C, C#, C++, Python, VB.NET,
ASP.NET, SQL, Javascript,
CSS, HTML, Git, Debugging

EDUCATION

B.S. Computer Science from
Florida Institute of
Technology, Melbourne, FL
2017-2021
Final GPA: 3.22