

# Jacob Sage

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Website: [jacobsage.com](http://jacobsage.com) | 727-271-6660 | [Jacobsage12@live.com](mailto:Jacobsage12@live.com) | GitHub: [SageJacob](https://github.com/SageJacob) | Languages: Python, C, Java

## Summary

Motivated individual with a desire to gain experience in the industry, learn new skills, build relationships, and construct a foundation for the future. Skilled in thinking quick and making critical decisions in a fast-paced environment.

## Education

- University of Central Florida
  - Computer Science (Anticipated Graduation: May 2022)
  - GPA: 3.578
- J.W. Mitchell High School
  - GPA: 4.2
  - Achieved honor roll every semester in high school career
  - In the top 12% of the class of 2018 with over 600 students
  - Active in Chess club

## Relevant Academics and Coursework

- Calculus I/II, Algorithms and Data Structures I, OOP, Systems Software, Discrete Structures, Statistical Methods, Computer Structure and Architecture

## Experience

August 2018 – April 2019

Nonmember | UCF Programming Team

Attended practices as a guest where we worked on algorithms as well as practiced programming problems in a competition-style environment.

## Notable Projects

- Class projects (located in private repositories on GitHub and will share upon request)
  - Created an array of array fragments that are allocated and deallocated on an as-needed basis
  - Tree traversal program that determines a BST's size, preorder, inorder, and postorder traversal, whether a BST is a reflection of another, and makes a reflection of a BST
- Used machine learning to predict whether a form of breast cancer is malignant or benign