

# Joel Goodrum

Software Developer

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## SUMMARY

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Sophomore at Georgia State University pursuing a bachelor's degree in computer science. Major interests include developing software, object-oriented programming and games. Strongest programming language is Java.

## PROJECTS

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**Graphing Calculator:** Software that allows user to input functions in the form  $y = x$ . The software outputs the  $y$  values and plots them on a graph. The software plots thousands of individual points giving the illusion that the graphs are curved or straight lines. This software plots precisely 14000 dots in less than half a second. Graphing Calculator was written in JavaFX using the JavaFX library.

**Hospital Simulator:** Software that simulates patients checking in and out of a hospital. The software allows the user to add as many patients as needed to a priority queue. But there are only three operation rooms available. The patients will be allocated to the operation room based on when they checked in and by their assigned priority.

## SKILLS

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**PROGRAMING LANGUAGES:** Java, JavaScript, html, CSS.

**FRAMEWORKS & PLATFORMS:** GitHub, Android Studio.

## EMPLOYMENT

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02/18 - 10/18    **Dishwasher, Avondale Pizza - Avondale, GA**  
Had to clean and organize silverware, plates, pots and pans according to the layout of the restaurant in a short amount of time.

02/16 - 06/17    **Delivery Driver, Jimmy John's - Decatur, GA**  
Memorized a large set of addresses and used the most efficient routes.  
Communicated with customers.

## ACADEMICS

08/16 - present    **Associates Degree in Computer Science (in progress)**  
*Georgia State University Clarkston Campus - Clarkston, GA*  
Current GPA: 3.25