

# Joel Goodrum

Software Engineer

**Address:** 4700 Elam Forest Drive Stone Mountain, GA 30083

**Phone:** (404) 707-5912

**Website:** <https://joelgoodrum.github.io>

**GitHub:** <https://github.com/JoelGoodrum>

**Email:** joelgoodrum@hotmail.com

**LinkedIn:** [www.linkedin.com/in/joel-goodrum](http://www.linkedin.com/in/joel-goodrum)

## SUMMARY

---

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

---

**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

---

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

**FRAMEWORKS & PLATFORMS:** JavaFX, GitHub, Node.js, MySQL.

## EMPLOYMENT

---

- |               |   |
|---------------|---|
| 02/18 – 10/18 | <b>Dishwasher, Avondale Pizza – Avondale, GA</b><br>Sanitized and organize silverware, plates, pots and pans according to the layout of the restaurant in a short amount of time. |
| 02/16 – 06/17 | <b>Delivery Driver, Jimmy John's – Decatur, GA</b><br>Memorized a large set of addresses and used the most efficient routes. Communicated with customers.                         |

## ACADEMICS

---

- |                             |  |
|-----------------------------|--|
| 08/16 – 08/19<br>(expected) | <b>Associate Degree in Computer Science</b><br><i>Georgia State University Clarkston Campus – Clarkston, GA</i><br>Current GPA: 3.45 |
|-----------------------------|--|