Joel Goodrum

Software Engineer

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SUMMARY

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

PROGRAMING LANGUAGES: Java, JavaScript, html, CSS.

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

EMPLOYMENT

02/18 – 10/18	**Dishwasher,** *Avondale Pizza – Avondale, GA* 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	**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	**Associate Degree in Computer Science (in progress)** *Georgia State University Clarkston Campus – Clarkston, GA* Current GPA: 3.39