

# Jayla Demaine

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(706) 945-8978

Augusta, GA

## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA

**August 2018 – May 2022 (expected)**

- Candidate for Bachelor of Science in Computer Science
- GPA: 3.5/4.0

## SKILLS

**Programming:** Python, C#, HTML, Java, C

**Concepts:** Computer organization and programming, Calculus, Physics

**Communication:** Presentations, Research papers, Meetings, Email, Public speaking

**Language:** Spanish (intermediate), English (native), Japanese (beginner)

## PROJECTS

### **Plantlanta State University**

Educational sustainability application for K-12 students

- Collaborate with a small group and a client
- Design a thorough interface for iOS and Android
- Implement a proof of concept using Swift

### **Space Traders**

Strategy and exploration video game written using JavaFX

- Collaborate with a small group
- Implement GitHub to contribute to the application
- Use iterations to deliver a final full-functioning game

### **JavaFX Paint Tool**

Implementation of an application similar to MSPaint written using JavaFX

- Learned to apply extensive features of JavaFX
- Applied extra features to customize the window
- Employed the JavaFX API to access capabilities beyond the requirements

### **Senior Project (Highschool)**

Full-functioning 2D game written with C# language

- Learned the basic structure of C#
- Utilized the Unity game engine for output
- Communicated with a mentor on a regular basis

## EXPERIENCE

**Mathnasium of Evans**, Evans, GA

**August 2017 – December 2017**

*Math Instructor*

- Tutored kids K-12 in math subjects from their school materials
- Taught kids a personal curriculum from Mathnasium materials
- Collaborated with employees to manage kids' schedules and personalities
- Performed administrative and secretarial duties (filling out daily paperwork and filing and grading worksheets)
- Cleaned up the store (wipe tables, organize supplies, vacuum)

**Femonomic**, Toronto, ON (Virtual)

**January 2021 – current**

*Content Creator*

- Submit articles twice a week
- Research social issues and current events
- Write opinionated articles about topics of my choice
- Communicate with a team virtually

## LEADERSHIP

**Student Staff Member**, Resident Advisor

**August 2019 – current**

- Promote and support the health and safety of residents
- Facilitate the development of a sense of community
- Develop individual relationships with residents
- Be a productive member of the staff team
- Foster intentional learning and development of residents

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- Develop and demonstrate ethical leadership and professional skills