MELANIE MOENNING
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EDUCATION

Georgia Institute of Technology   **Atlanta, Georgia**
- Computational Media   August 2017-*Present*
- *GPA: 3.21*
- GitHub account name: mmoenning3

RELEVANT COURSEWORK

Georgia Institute of Technology   **Atlanta, Georgia**
- Device Architecture: *coding in C to create computer games on a Gameboy Emulator*
- Data Systems and Algorithms: *recreate the data systems of Java keeping Big-O at the front of mind.*
- Introduction to Object Oriented Programming: *code in Java*
- Game Studies: *create, play, and critique games through a feminist lens*
- Computer Graphics: *TypeScript, JavaScript*
- Intro to Computational Media: *learn A-frame, HTML, CSS, JavaScript*

INTERNSHIPS

Globalscope   **Brisbane, Australia**
Intern at a student fellowship group at the University of Queensland (UQ) in Australia   *February 2019-July2019*
- Develop relationships with students.
- Initiate and lead events for the campus fellowship

FACET Medical Technologies   **Atlanta, Georgia**
Industrial and Systems Engineering Co-op   *August 2018-December 2018*
- Generated and revised work instructions to define manufacturing processes.
- Wrote Installation Qualifications for stamping equipment.
- Studied current and then redefined the procedures to decrease overpackaging percentages.

WORK EXPERIENCE

Nanny   **Atlanta, Georgia**
Caretaker for two children under the age of four.   *June 2020-October 2021*
- Using imagination, I provide a safe and fun environment where the children learn communicative skills, emotional intelligence and how to take care of themselves.

Howard School Aftercare Worker   **Atlanta, Georgia**
Aftercare teacher   *August 2019- May 2020*
- Provided lower-school students with an opportunity to have constructive learning experiences in education, social recreation, health and fitness activities and artistic creativity after school.

Highland Bakery   **Atlanta, Georgia**
Barista   *September 2019 -May 2020*
- Worked along with teammates to serve customers drinks in a fast-paced environment.

PROJECTS

Game Boy Emulator Game   **Atlanta, Georgia**
A game, titled Halen's Great Dino Adventure coded in C.   *May 2021*
- Original concept and pixel art design.

End of Semester Game   **Atlanta, Georgia**
A game coded in Java Script, HTML, and CSS about our school mascot   *December 2020*
- Created the icons/characters for the game on Adobe Illustrator.
- Collaborated coding through GitHub.

ACTIVITIES

Campus Christian Fellowship   **Atlanta, Georgia**
- Lead activities alongside the staff, cultivate relationships with classmates.   *August 2017-Present*

Climbing Group   **Atlanta, Georgia**
- Top-rope and Boulder weekly with other Georgia Tech students.   *January 2019-Present*

SKILLS/INTERESTS

Interests: coding, the relationship of people and technology, game and character creation
Skills: Microsoft Office, Java, C, HTML, CSS, JavaScript, TypeScript, video game creation, website creation