

## **Sanchali Ghosh**

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### **Education:**

Currently a college undergrad student at George Mason University's Honors College majoring in Computer Engineering.

Highschool Diploma: Potomac Falls Highschool

- 4.1 GPA, Graduated with an advanced diploma
- Graduated with college credits

Bachelor's Degree: George Mason University

- Currently taking/have taken the following courses:
    - Intro to engineering
    - Intro to Electrical and Computer engineering
    - Intro to Python Programming
    - Object-oriented programming(java)
    - Calculus BC
    - Physics
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### **Skills:**

- Microsoft Office Certified
  - Autodesk Inventor Professional CAD software (Intermediate)
    - Created objects to 3d print, Completed isometric drawings
  - Experience in making PDRs (Preliminary Design Report)
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### **Software skills:**

- Advanced Python skills (GMU course: Intro to Programming-CS112)
  - Python interpreter, Variables/assignment, Control Structures: conditionals (if-statements), repetitions(while loops and for loops), Mutability(lists and tuples), References, Creating functions, Importing modules, Using dictionaries, File input/output, Basic object oriented concepts, Python Classes, Exceptions, Recursion
  - Worked on multiple projects and labs in class focusing on the programing skills listed above
  - Modules used in Python include Math
  - Used Notepad++ to code projects and labs
  - Experience in debugging

- Java skills(High-school Course: AP Computer science, GMU course: Object Oriented Programming-CS211)
    - Programming fundamentals, Data structures, Algorithms/Problem Solving, Object Oriented Programming, Recursion, Exceptions, Generics, Enums
    - Abstract classes, interfaces, parent/child classes
    - Experience with Java graphics and gui as well
      - One project in Highschool required for a ball to be created and moved across the screen randomly, and whenever it hit the bounds of the screen it had to change color
    - Worked on various types of projects ranging from High School to second semester in college
    - Used scanner class, and Timer class
    - Imported class collection ArrayLists , imported math
    - Began with jGrasp, but now using Eclipse and Dr.Java
    - Experience with debugging
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## **Experience:**

Telos Data Intern at Telos Corporation (June 2017-August 2017)

- Resolved multiple issues with customers on status of products by informing them about updates and replacements
- Organized inventory
- Worked with my superior colleagues to find solutions in order to achieve higher efficiency in the workplace.