Sneha Srinivasan

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OBJECTIVE:

Sophomore-level undergraduate with extensive team leadership experience seeking internship or co-op where knowledge of software development, data science, artificial intelligence, and web development are assets. Open to relocation.

EDUCATION:

The Ohio State University (May 2021) – Columbus, OH (3.67/4.0)
- B.S. Computer Science and Engineering Honors
- Minor in Spanish
- Awards & Honors (2017 – Present): Recipient of the Maximus Scholarship, Dean's List

ACADEMIC ENGINEERING PROJECTS:

Robot Design Project (January – April, 2018)
- Designed, built, and competed a fully autonomous robot in 60 days
- Programmed robot to complete a course by applying teaching from fundamental engineering coursework and knowledge of C and C++
- Created a report, portfolio, and oral presentation utilizing technical communication skills
- Worked collaboratively in team of 4 as the team lead and organized meetings and ensured team progress

Software Design Project (November – December, 2017)
- Applied teaching from fundamental engineering coursework and knowledge of programming in C/C++ to create a game with graphics in 2 weeks
- Utilized problem solving skills and the engineering design process
- Received an award for Best Documentation

WORK EXPERIENCE:

Student Intern, Department of Biomedical Informatics (May 2018 – Present)
- Manipulate, analyze, and combine datasets containing 1000's of values of information from 6 databases
- Creating public website to allow users to search and query results of the combined data
- Help create, validate, and improve LeNet deep learning model based on gene data from 200 cancer patients
- **Poster:** *Drugs, Cancers, and Biomarkers for Precision Medicine* (August 2018)

Undergraduate Teaching Assistant for the College of Engineering (August 2018 – Present)
- Assist head faculty member with classroom instruction, exams, and grading for 66 students
- Apply problem solving, leadership, and communication skills to work with students in and out of the classroom

QUALIFICATIONS & SKILLS:

Leadership and Communication/Customer Service Experience:
- Office Assistant at Bradley-Paterson Hall Complex (January – November, 2018)
- Stage Manager at Tallmadge High School (May 2015 – July 2017)

Languages and Tools: Python, Java, C, C++, PHP, MATLAB, HTML/CSS, SQL, R, Git, Unix, SolidWorks, Autodesk Inventor, Microsoft Office

Relevant Coursework:
- In Progress: Software Development and Design (algorithms and data structures), Discrete Structures (logic, proof techniques, and algorithm analysis), Statistics, Technical Communcation
- Completed: Object Oriented Programming (Java), Fundamentals of Engineering Honors (team-based projects involving programming in C/C++, technical communication and graphics)

ACTIVITIES:

Active Member, Society of Women Engineers at Ohio State (January 2018 – Present)
Treasurer, Romophos: A Sophomore Honorary (March 2018 – Present)
Member, OSU Indoor Soccer Club (December 2017 – Present)