

# Joe Smith

## software engineer

I am a senior studying computer science at Cornell University. I am interested in collaborating with others on software projects, and I enjoy focusing on algorithms, machine learning, and backend development.



# My Skills



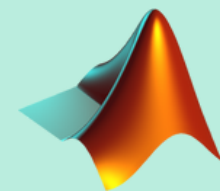
Java



OCaml



GitHub



MATLAB



C



RISC-V



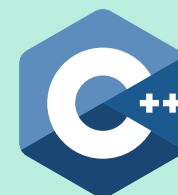
Python



JSON



SQL



C++



html



CSS



JavaScript

## research

### ➤ Undergraduate Research Assistant

Implement Gaussian Smoothing Gradient Estimation in Python.

### ➤ Science and Information Channels Scholar

Test changes in accuracy of SVM based on changes in number of features selected by feature selection and changes in  $k$  in K-fold Cross Validation. Compare results of PCA and feature selection.

## internships

### ➤ Google - Software Engineer

Extract data from self-driving car test logs and parse the data. Created a job that executes periodically to categorize sections of the log based on the data.

### ➤ Microsoft - Data Scientist

Prepared data models and dashboards.

## leadership

### ➡ **TA at Cornell University**

Taught Object-Oriented Programming and Data Structures, led discussion sections, held office hours, and graded assignments and tests.

### ➡ **Consultant at Cornell University**

Assisted TA in Object-Oriented Programming and Data Structures, held office hours, and graded assignments and tests.

## project team

### ➡ **CMSX Backend Software Developer**

Develop the backend of Course Management System using Java working with a team. Used by course staff and students for assignment grading, submission, and feedback. Improve the staff side of the system.

## contact me

Name

Email

Subject

Message

