

Autumn Gamache

California State University, San Bernardino
Undergraduate Independent Study Project Presentation
CSE 5951/2/3

Title: History of Space Exploration Technology

Date: December 8, 2025

Time: 9:00am

Zoom Link: <https://csusb.zoom.us/j/9095375333>

Advisor: Yan Zhang

Abstract: For this project, my goal is to learn about the history of space exploration technology, then later make a website that shares what I've learned. This focus means mainly learning about the various spacecraft that have flown, and what their missions are. This is not limited to just American history, and includes a lot from the USSR/Russia, as well as Europe, Japan, and other countries. As of starting the project, I feel like I knew very little about the history, and it was something I was passionate about, so I wanted to use this semester to get a good idea of the overall history, prioritizing breadth over depth. To do this, I read some books, and consulted official space agency websites like NASA's, ESA's, JAXA's, etc. I spent the majority of the semester on this stage, on learning & reading. Then the next thing I wanted to do was to make a website to demonstrate and share what I've learned. And I have done that.