# Andrew Loh

Computer Science Engineer
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## EXPERIENCE

**Rutgers Space Technology Club**

September 2021- May 2023

-Worked with C++ and microcontrollers whilst building a payload of two high altitude research balloons.

-Helped development of  a small student-built satellite in the finalist stage of the USAF's University Nanosatellite Program.

**Rutgers Rocket Propulsion Lab**

September 2022- May 2023

-Worked with C++ and microcontrollers to transmit positional data, temperature and atmospheric data for collegiate model rocketry.

-Engaged in a collaborative software development environment, integration between software and hardware.

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## EDUCATION

**Rutgers University**

September 2020-May 2023

Graduated *Cum Laude*

*Relevant Courses:*

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|---|---|
| Data Structures | Systems Programming |
| Calculus I, II | Computer Architecture |
| Discrete Mathematics I, II | Internet Systems |
| Software Methodology | Database Management |
| Cryptography | |

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## SKILLS

-C,  C++ with multithreading using Standard Library Collection Classes

-Java, Spring Boot Framework

-Wordpress, HTML and CSS experince.

-OS-level virtualization, including Docker

-Python for rapid development and scripting

-SQL database design and query programming

-Technical writing