

Alessandro Bonecchi

High School Student (Class of 2025)

Experience

Founder/Leader

*Stanford Online High School
Cryptography and
Cybersecurity Research Club*
Fall 2023-Present

In my position at this club, I lead a cohort of motivated student researchers as we tackle cybersecurity issues such as credential integrity and vulnerabilities in the Linux kernel.

Research Intern

*National High School Journal
of Science (NHSJS)*
Summer 2023-Present

I was admitted to this research program with 6 others from a pool of about 750 applicants. In this internship, we are researching AI/ML in cybersecurity Capture the Flag challenges.

Team Captain

FTC 5206, The Knights of Ni
Spring 2022-Present

As a captain, I have had to coordinate with and lead two teams, software and hardware, as well as help conduct outreach activities and organize the team to effectively compete in tournaments.

Education

Stanford Online High School

Fall 2021-Present
AP Calculus BC (A)
AP Computer Science A (A)
AP Physics C Mechanics (A)
Multivariable Calculus (A)
Discrete Mathematics (A)

Modesto Junior College

Fall 2021-Present
Spanish 109 (A)
Spanish 110 (A)
Computer Science 272 (A)

Johns Hopkins Center for Talented Youth

Fall 2023-Present
AP Biology (A)

Stanford Summer Institutes

Summer 2021
Course in Biology Research:
Presented work on the
connection between
gastrointestinal and
mental health.

Skills

Programming Languages:	Libraries:	Spoken Languages:
Python, Java, Rust, C++, JavaScript	TensorFlow, PyTorch, Keras, matplotlib, numpy, OpenCV, Flask	Italiano (ILR Native) English (ESL) (ILR Fluent) Español (ILR Fluent)

Contact



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<https://albonec.github.io/>



<https://www.linkedin.com/in/alessandro-bonecchi-42999b275/>