

curriculum vitae of
Boaz Kaufman
COMPUTER SCIENTIST · CLASSICIST

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EDUCATION

Fall 2018 – present **Undergraduate** MACAULAY HONORS COLLEGE @ CUNY HUNTER COLLEGE
Majors in **Computer Science** and **Classical Studies** with minors in **Music** and **Mathematics**.
GPA: 3.87 [Unofficial Transcript](#). Relevant courses: Data Communications and Networks (A+, Fall 2021);
Cybersecurity (Current, Spring 2022)

EXPERIENCE

Since December 2021 Founding member of Hunter's burgeoning cybersecurity Capture the Flag team. Leader of the
cryptography specialists and outreach organizer. Worked through several online CTF challenges
with plans to compete. HUNTER COLLEGE CTF CLUB (HUNTER-GATHERERS)

Since October 2021 Lead Coding Instructor EAST HARLEM TUTORIAL PROGRAM - HS PROGRAM
Designed a project-based and problem-posing curriculum for high school coding students in an after-school
program. Taught game development with Snap!, HTML/CSS/JS, and an overview of networking.

Since September 2021 Computer Theory Tutor/TA CUNY HUNTER COLLEGE
Tutored students twice a week for CSCI 265, Computer Theory I, covering finite automata through Turing
machines. Also assisted with lecture hall management and administrative tasks.

Summer, 2019 - 2021 Counselor/TA BRIDGE TO ENTER ADVANCED MATHEMATICS
Worked with middle school students to learn math strategies that they didn't learn in school. Was a TA for a
class on prime numbers and Python programming. Managed grading a higher-challenge problem set.
Organized weekly math contests.

SKILLS

Strong knowledge of the programming languages **C++**¹ and **Python**, including data structures and
algorithms experience. Several years of experience in **Bash**, **Git/GitHub**, and **LaTeX**.²
Hobbyist interest in the open-source game development environment **Godot**.³
Working Knowledge of **HTML**, **CSS**, **JavaScript**, and **React**⁴; also the networking application
Wireshark.
Familiar with various cryptological schemes and protocols including RSA.

HONORS

Since 2020 Solomon Bluhm Scholarship for Classical Studies
Since 2018 Daedalus Scholarship for Computer Science
Since 2018 Macaulay Honors Scholarship
Since 2018 Hunter Dean's List

¹Example projects: [Knight's Tour in \$O\(n^2\)\$](#) ; [Turing Machine Simulator](#)

²Example project: [You're reading it!](#)

³Example project: [Laser Chess](#)

⁴Example project: [Bank Account Website](#)