Kelin Levine

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EDUCATION

University of Texas, Austin, *Cockrell School of Engineering*　　**May 2029**
Bachelor of Science in Computational Engineering (BS COE)　　Austin, TX
- GPA: 4.0

North Broward Preparatory School　　**August 2021 - May 2025**
- GPA: 4.87, ACT Score: 36/36, SAT: 1590/1600　　Coconut Creek, FL
- Areas of Interest: Computer Science, Programming, Robotics

PRE-COLLEGE PROGRAMS

Carnegie Mellon University　　**June - August 2024**
Pre-College National High School Game Academy　　Pittsburgh, PA
- Chosen as Lead Programmer in highly selective 6-week program for video game development.
- Collaborated with teams to create an arcade game and original game with presentations in under 4 weeks.

Massachusetts Institute of Technology　　**October 2023**
Nord Anglia Education Collaboration　　Boston, MA
- Selected to be one of less than 60 students globally to attend a 1-week program on MIT campus to experience college culture with students from around the world.

WORK EXPERIENCE

Archer Aviation Inc.　　**June - August 2025**
Integrated Testing Group Simulation Intern　　San Jose, CA
- Developed a Python GUI app from scratch to automate and streamline propeller engine acceptance testing; app runs configurable built-in testing profiles, external CSV profiles, and custom profiles created visually within the app, proven to work in real Electric Vertical Take Off and Landing (eVTOL) engine tests.
- Utilized front-end programming using PyQt6 to build the GUI, as well as back-end programming using public and internal APIs to automate testing procedures through NI VeriStand including engine control, data logging, and controller feedback.

Lost Tribe　　**May 2021 - May 2025**
Minecraft Department Programmer Internship　　Virtual
- Created server backup solutions written in Java, Minecraft experiences, and game plug-in modifications for the Global Non-Profit Youth Social Networking and Gaming Community.
- Designed and implemented custom Minecraft plugins and experiences for the Minecraft servers.

LEADERSHIP EXPERIENCE

North Broward Preparatory School Eaglebotics FIRST Robotics Competition　　**August 2024 - May 2025**
Team 5410 Lead Programmer and Team Educator　　Coconut Creek, FL
- Built large robots with team; wrote autonomous aids, including vision-gyroscopic localization and projectile calculations.
- Taught Java coding to team members to continue the growth of the program.

North Broward Preparatory School Eaglebotics FIRST Tech Challenge　　**August 2023 - April 2025**
Team 9986 Lead Programmer and Team Educator　　Coconut Creek, FL
- Achieved NBPS's all-time best competition year: 2024 Florida State Championship Division Finalist Captain.

North Broward Preparatory School Senate　　**August 2024 - May 2025**
STEAM Senate Representative　　Coconut Creek, FL
- Appointed by department head to contribute to meetings with faculty for improving school and STEAM programs by recommending, discussing, and enacting bills.

North Broward Preparatory School Computer Science Competition Team　　**August 2021 - May 2025**
Participant　　Coconut Creek, FL
- Competed in resolving cybersecurity vulnerabilities in virtual operating systems for the AFA CyberPatriot Competition.
- Placed 14th out of 79 teams at the 2024 UCF Programming Competition.

HONORS & AWARDS

- 2025 North Broward Preparatory School Senior Academic Excellence Award for Technology
- 2025 United States Presidential Scholars Program Nominee (only candidate from NBPS)
- 2025 National Merit Scholarship Finalist
- 2025 FIRST Robotics Competition South Florida Regional Champions
- 2024 University of Rochester – Xerox Award for Innovation
- 2022-2025 National Honor Society
- 2023-2025 National Honor Societies for Science, English and Mu Alpha Theta Memberships
- 2023 & 2024 Award(s) for Excellence at NBPS for IB Computer Science Year 1, Spanish 3, and Honors Algebra 2

SKILLS

Computer Skills: Proficient in Java, C#, C++, Python, NumPy, PyQt6, JavaScript, Lua, NI VeriStand, and Microsoft Office.