Kelin Levine

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EDUCATION

University of Texas, Austin, TX, *Cockrell School of Engineering* **August 2025 - Present**
Bachelor of Science in Computational Engineering (BS COE)

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

Carnegie Mellon University, Pittsburgh, PA **June-August 2024**
Pre-College National High School Game Academy
Lead Programmer - Lightning Round Game/Original Game Programmer
- Chosen to participate in highly selective 6-week program for video game development.
- Collaborated with teams to create an arcade game and original game with presentations in limited time.

Massachusetts Institute of Technology (MIT), Boston, MA **October 2023**
Nord Anglia Education Collaboration
Selected as 1 of only 2 students (at maximum from NBPS) to attend a 1-week program on MIT campus to experience college culture with students from around the world.

WORK EXPERIENCE

Archer Aviation Inc., San Jose, California **June-August 2025**
ITG Simulation Intern
- Developed a Python GUI from scratch to automate and streamline propeller engine acceptance testing; runs configurable built-in testing profiles, external CSV profiles, and custom profiles created visually within the app. All tested and proven to work in real engine tests.
- Utilized front-end programming using PyQt6 to build the UI, as well as back-end programming using public and internal APIs to automate testing procedures through NI VeriStand including engine control, data logging, and more.

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

LEADERSHIP EXPERIENCE

FIRST Robotics Competition, North Broward Preparatory School Eaglebotics Competitive FRC Team 5410
Lead Programmer **August 2024 - May 2025**
Lead Educator **August 2024 - May 2025**
- Designed 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.
- 2025 South Florida Regional Champions

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

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

Computer Science Competitive Team, North Broward Preparatory School **August 2021- May 2025**

HONORS
- 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
- 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#, Python, JavaScript, Lua, NI VeriStand, Google Workspace, and Microsoft Office.