

Brandon Isaac Paek

Tallahassee, FL | Class of 2026 | nokophy@gmail.com | (850) 510-4169 | <https://bpaek.github.io/bp-personal-website/>

Education

Lawton Chiles High School - Tallahassee, FL

High School Diploma Expected May 2026

- GPA: Unweighted 4.0 / Weighted 4.65
- SAT Math: Perfect Score
- FSA Grade 10 ELA Perfect Score

Academic Honors & Awards

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| • A.P. Scholar with Distinction Award | Aug 2024 & 2025 |
| • FSU Young Scholars Program
Selected as one of the top 40 students statewide to participate in a highly competitive, merit-based STEM research internship. Conducted advanced research, earning a \$7,000+ stipend. | Jun 2025 |
| • Florida Standard Assessment (FSA) ELA Perfect Score Award
First student in school history to achieve a perfect score on Grade 10 ELA exam | Nov 2024 |
| • Underclass Academic Excellence Award
Annual recognition for top performance across core subjects | May 2022–Present |
| • U.S. National Chemistry Olympiad (USNCO) School Representative | Mar 2024 |
| • District History Fair Qualifier (Paper Category) | Feb 2024 |

Research Experience

FSU Young Scholars Program

Jun 2025 – Jul 2025

- Interned with Dr. Ye; created a poster on Moringa f-sand medium efficiency for nitrate coagulation.
- Developed supervised machine learning model to predict significant SNPs in the human genome.

Lee Neuropharmacology Lab, FAMU

Jul 2024–Present

- **Intern :** Feb 2025–Present
Performed SDS-PAGE gel preparation and Coomassie Blue staining for protein analysis.
- **Shadowing Experience :** July 2024–Feb 2025
 - Presented and created a solo poster for an internal seminar:
“*Manganese suppression of dopamine synthesis in SH-SY5Y cells*”
 - Attended weekly internal seminars to observe and learn from ongoing research discussions.

UF Research Explorations (Environmental Sciences Track)

July 2024

- Poster: Use of *C. elegans* as Reported Creatures

Medical Certifications

- Certified Nursing Assistant (CNA) May 2025–present
- Anticipated Phlebotomist Certification May 2026
- Certified CPR & First Aid (Adults and Children) Mar 2023–present

Skills

- Programming Languages: Python, C++, Java, JavaScript
Hands-on Projects (GitHub <https://github.com/BPaek?tab=repositories>):
 - * Extracted key disease symptoms from doctor’s notes using NLP and deep learning
 - * Developed cancer-awareness web-based information retrieval system
 - * Built bio-information web-based retrieval system focused on protein-coding genes
 - * Created club website for Red Cross at Lawton Chiles High School
 - * Designed personal website: [<https://bpaek.github.io/bp-personal-website/>]
- Data Science Coursework Fall 2025–Spring 2026

Leadership & Clubs

- **Lawton Chiles Red Cross Club**
Founder & President & Web Developer Jan 2023–Present
Recruited 20+ members; Led fundraising and community outreach.
Created and maintained the Lawton Chiles High Red Cross websites: lchsredcross.org

- **National Student Astronaut Challenge Club**
Co-Founder & Co-President Aug 2024–Present
- **National English Honor Society Club**
Secretary Aug 2025–Present
- **Model UN Club**
Treasurer Aug 2023– May 2024
- **Chicken Math YouTube Channel**
Co-Founder 2024–Present
Teaching AP Pre-Calculus via narrated videos
Composed a background music
<https://www.youtube.com/@chickenmath3.14>
- **Teen Court**
YLT (Youth Leadership Team) Youth Leader & Teen Attorney Nov 2022–Present
- **FIRST Robotics (FTC) Club**
Member: Outreach, Building, Coding Aug 2021–Present

Volunteer Experience

- Centre Point Health and Rehabilitation Center: Aug 2025–Jul 2026
Nursing Assistant Clinical Hours
- Tallahassee Memorial Hospital – Competitive Hospital Youth Volunteer Program: Jun 2024–Jul 2024
 - Central Registration
 - Endoscopy Unit
 - Surgical Observation Unit
 - Surgical Care Unit
 - Neurology
 - Clinical Decision Unit
- Teen Court: Nov 2022–Present
 - Juror Dec 2022
 - Bailiff Dec 2022–Present
 - Teen Attorney Jan 2023–Present
 - YLT (Youth Leadership Team) Youth Leader Jul 2025–Present
- Music Performances for Elders — Nursing Homes Feb 2023–Present
- One-on-One Companionship for Elders — Nursing Homes Feb 2023–Present
- Second Harvest Food Bank — Sorting & Packaging Mar 2023–Present
- Alzheimer’s Project — Respite Care for Dementia Patients Mar 2023–Present

Working Experience

- Paid Cello Performer at Villas Assisted Living Center Aug 2023–Present
Initially volunteered as a cellist, performing for residents. After demonstrating a strong commitment and positive impact on the community, I was offered compensation by the event coordinator.

Extracurricular Activities

Music (Cello)

- Charleston International Music Competition:
 - 1st Place (Baroque, Age 14 & 15) Apr 2023, Apr 2024
 - 2nd Place (19th Century, Age 16) Jul 2024
- Vivaldi International Music Competition:
 - 2nd Place (Young Artists, Age 14–17) Jun 2024
- Big Bend Community Orchestra Young Artist Competition:
 - 1st Place & Performance Award Apr 2024
- Tallahassee Youth Orchestra:
 - Symphony member Aug 2022–May 2025
 - Quartet/Ensemble member Aug 2022–May 2024
- All-District Orchestra
 - Selected annually for April performances Apr 2018–2025
- Lafayette Arts Music Program (LAMP)
 - Chamber Ensemble Cellist Aug 2022–May 2023

Speech & Debate

- Debate Club:
 - 1st Place in Impromptu Speaking (Northwest Florida Civics & Debate Initiative) Mar 2024
- Model UN Club:
 - Best Delegate — RaiderMUN Jan 2024

Teen Court (Teen Attorney)

- Brightest Award May 2025
- Positivity Award May 2024
- Outstanding Service Award May 2023

Engineering & Robotics

- NASA National Student Astronaut Engineering Challenge:
 - 2nd Place in Engineering Challenge Feb 2025, Feb 2026
- AeroCoast Robotics Team Competitions:
 - 1st Place at Meets #1–4 May 2024–Feb 2025
 - FTC THINK Award Feb 2025
 - State Qualifiers Mar 2025

Art & Design

- County Autism & Neurodiversity Logo Challenge Runner-Up Mar 2023

Athletics

• Kendo	Nov 2022–Present
• Rock Climbing	Mar 2023–Present
• Tennis	Mar 2014–Present
◦ Junior Team	Aug 2023–May 2025

Awards & Honors by Level

International

• Charleston International Music Competition <i>1st Place – Baroque Music (Age 14 & 15 Groups)</i>	Mar 2023, Mar 2024
<i>2nd Place – 19th Century Music (Age 16 Group)</i>	Jul 2024
• Vivaldi International Music Competition <i>2nd Place – Season 2 Category, Young Artists (Age 14–17 Group)</i>	Jun 2024

National

• College Board National Recognition <i>For Outstanding Academic Achievement</i> <ul style="list-style-type: none">◦ A.P. Scholar with Distinction Award◦ School Recognition Award	Aug 2025
• NASA National Student Astronaut Engineering Challenge <i>2nd Place – Team Competition</i>	Feb 2025
• Rural and Small-Town Recognition Award <i>For Outstanding Academic Achievement</i>	Aug 2024

State

• FSU Young Scholars Program <i>Top 40 students statewide selected for a competitive \$7,000+ STEM research internship</i>	Jun 2025–Jul 2025
• AeroCoast Robotics Competitions <i>1st Place at Meets #1–4 across Florida, FTC THINK Award, Advanced to State-Level</i>	May 2024–Mar 2025
• Florida Standards Assessment (FSA) ELA Perfect Score Award <i>First student in school history to earn a perfect score on Grade 10 ELA exam</i>	Nov 2024

Regional

• Teen Court Awards <i>Outstanding Service Award</i>	May 2023
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| <i>Positive Award</i> | May 2024 |
| <i>Brightest Award</i> | May 2025 |
| <ul style="list-style-type: none"> ● Northwest Florida Civics and Debate Initiative (NWFCDI) Impromptu Speaking Competition
<i>1st Place</i> | Mar 2024 |
| <ul style="list-style-type: none"> ● Young Artist Competition (North Florida & South Georgia), Big Bend Community Orchestra (BBCO)
<i>1st Place Winner (Ages 15-18)</i> <ul style="list-style-type: none"> ○ Selected as a featured soloist to perform with the BBCO. ○ Awarded first place and a \$100 prize in a regional competition | Apr 2024 |
| <ul style="list-style-type: none"> ● All-District Orchestra | Apr 2023–2025 |
| <ul style="list-style-type: none"> ● Model United Nations – RaiderMUN Conference
<i>Best Delegate Award</i> | Jan 2024 |
| <ul style="list-style-type: none"> ● Autism & Neurodiversity Logo Challenge (County Event) Runner-Up | Mar 2023 |

Local

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| <ul style="list-style-type: none"> ● U.S. National Chemistry Olympiad (USNCO) School Representative
<i>Selected to represent school in regional Chemistry Olympiad</i> | Mar 2024 |
| <ul style="list-style-type: none"> ● History Fair School District Representative: Paper
<i>“A House Made of Sticks: The Stock Market Crash of 1929”</i> | Feb 2024 |
| <ul style="list-style-type: none"> ● Underclassman Academic Excellence Award
<i>Recognized annually for top academic performance across core subjects</i> | May 2022–2025 |