

## Mason Pinkerton

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[GitHub](#)

### EDUCATION

#### **Pace Academy, Atlanta, GA, Class of 2028**

**GPA 103.44** (weighted on a 100-point scale; Pace does not rank)

**PSAT 1480** (720 EVBRW, 760 Math)

#### **Courses Included:**

AP Computer Science A  
Programming II  
Intro to Programming  
Honors Analysis  
Honors Algebra II

Honors Math Physics  
Honors Chemistry  
AP European History  
Honors Ancient World History

**Academic Honors:** Faculty Award for Scholarship (2025), Caroline D. Bradley Scholarship Semifinalist (2023)

### TECHNICAL PROJECTS

#### **AI Studying Website** (10th grade)

Developing a website for students to upload photos of handwritten notes and convert them into flashcards using Artificial Intelligence APIs. Utilizing user authentication and data manipulation techniques to store and access user data, including study sets.

#### **TEDxPaceAcademy Website** (9th-10th grades) - [Website Link](#)

Developed a website to promote Pace Academy's TEDx program and acknowledge the hard work of speakers and team members. Utilized GitHub for version control and to serve as a platform for collaboration with future TEDx website managers. Currently mentoring a freshman computer science student on the features of the website to keep it operational when I graduate.

#### **Balatro-Inspired Video Game** (9th grade)

Collaborated with a classmate in my Programming II class to develop an ambitious project heavily inspired by Balatro. Demonstrated proficiency in Python through my ability to use advanced syntax such as classes and object-oriented programming to assemble a command-line video game.

### ACTIVITIES

#### **TEDxPaceAcademy: Co-Chair** (10th grade), **Website Developer + Creative Director** (9th-10th grades)

Guide meetings with the Executive Board and other team members to flesh out ideas designed to improve the program and to decide on matters such as the annual theme for the program. Recruit prospective speakers and delegate roles to members of different committees, such as philanthropy and social media. Publicize the program by speaking at school assemblies and sending schoolwide emails.

**Pace Academy Lower School Instructional Aide: Volunteer** (10th grade)

Tutor 1st- and 3rd-graders in math concepts relevant to their grade level. Identify and assist children in improving areas of deficiency. Instill problem-solving and critical thinking habits in the children to prepare them for more difficult math courses. Volunteer two mornings every week, 35 minutes per session.

**FTC Robotics: Co-Captain** (10th grade), **Head Autonomous Programmer** (10th grade)

Dedicated approximately 1 to 5 hours every weekday and approximately 7 hours most Saturdays for competitions during the season. Created a working and reliable autonomous program. Collaborated with all departments to secure a playoff appearance in the Atlanta-Marist League tournament. Improved worldwide percentiles in almost every category by approximately 50 percentage points since joining, specifically skyrocketing from 42nd percentile in the autonomous category last season to 94th percentile this season.

**Decatur City Church Youth Group Leader: Volunteer** (9th-10th grades)

Volunteer 2 hours every Sunday morning to familiarize 3rd graders with God and His teachings. Collaborate with three other 3rd-grade leaders to oversee 20-30 children and guide the students in how they can apply biblical messages to their everyday lives. Organize activities and perform clean-up duties.

## ATHLETICS

**Pace Academy Varsity Swim Team: Member** (9th-10th grades)

Commit approximately 11 to 15 hours a week during the season to practices and competitions. Foster teamwork, perseverance, and self-discipline to meet personal and team goals.

**Emory Eagles Swim Club: Member** (9th-10th grades)

Dedicate approximately 5 to 8 hours a week during the swimming off-season to maintain my speed and improve my technique. Lead my lane group of 2 to 8 swimmers as an example for each swim set and serve as a model for hard work in the pool.

## WORK EXPERIENCE

**Dynamo Pool Management: Summer Lifeguard** (June 2, 2025 - August 5, 2025)

Patrolled the pool and monitored patrons to identify potential emergencies. Enforced pool rules to ensure the safety and well-being of pool members. Attended in-service training sessions to sharpen knowledge of rescue techniques and poolside equipment. Checked pH and chlorine levels and maintained accurate chemical logs. Performed facility tasks such as sweeping the pool deck and working the check-in stand. Worked approximately 9 to 36 hours a week based on the needs of the organization and my availability.

## SKILLS & HOBBIES

**Lifeguarding, CPR, AED, and First Aid Certification**

**Web Development (HTML, CSS, JavaScript, and React)** - Experienced

**Java and Python** - Experienced

**Hobbies** - Coding, Volunteering, Swimming, Basketball, Weightlifting