

Gianna Aiello

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EDUCATION

Brown University, B.S. Computer Engineering, 3.6/4.0 GPA Providence, RI | Expected Graduation May 2025
Relevant Courses: Introduction to Object-Oriented Programming and Computer Science, Program Design with Data Structures and Algorithms, Dynamics and Vibrations, Applied ODEs, Digital Electronics System Design
Lab Skills: Utilized Verilog hardware description languages to synthesize simple circuits; Used Field Programmable Gate Arrays for logic implementation; Created a system that employed an embedded microprocessor and included product specification, circuit design, programming, and printed circuit layout.

VARSITY ATHLETICS

Brown University Varsity Women's Basketball Team, Providence, RI | September 2021- Present

- Balance 20 hours per week of training with Ivy League rigorous STEM education during the academic year
- Improve team communication by relaying messages from the coaches to the entire team
- Arlene Gorton Cup recipient for 2023-2024 which rewards a female varsity athlete annually whom most consistently displays the ideals of sportsmanship and fair play

WORK EXPERIENCE

Lane Engineering Consulting, Associate Engineer Hazlet, NJ | June 2023- Present

- Performed architectural and structural engineering inspections relating to historic preservation of buildings in New York City
- Surveyed buildings and created custom floor plans in BricsCAD
- Constructed Facade Inspection and Safety Program reports in accordance to the NYC Department of Buildings Codes

Brown University School of Engineering, Teaching Assistant Providence, RI | September 2023- December 2023

- Graded homework assignments for an introductory engineering class on a weekly basis
- Hosted office hours to mentor students on statics and materials, heat transfer, and design engineering practices

Cambridge Club, Lifeguard Matawan, NJ | June 2019- July 2019

Holmdel Swim Club, Lifeguard Holmdel, NJ | June 2020- July 2020

- Prioritized being focused and alert by scanning the pool regularly to ensure non-dangerous behavior
- Led team to ensure safety of swimmers in facility by enforcing rules and ensuring a clean pool deck
- Certified and completed extensive training in Lifeguarding, First Aid, CPR/AED

MEDIA EXPERIENCE

WNBA New York Liberty Game Night Public Relations Team, Stat Runner Brooklyn, NY | June 2023- August 2023

- Verified media personnel and distributed appropriate credentials
- Mediated the the post game interview with 20 reporters by passing the microphone and handing out team statistics
- Oversaw 25 reporters during the game, managed incoming questions, and distributed seating arrangements

Brown Athletics Multimedia, Camera Operator Providence, RI | September 2022- Present

- Operated the camera and provided film for replays during various sports games
- Ensured the broadcast displayed accurate statistics by verifying recorded footage

10PRL, Production Assistant Long Branch, NJ | June 2022- August 2022

- Prepared filming locations by bringing equipment
- Captured pictures of events and uploaded them to share with the rest of the team

LEADERSHIP EXPERIENCE

Team IMPACT, Fellow Providence, RI | May 2022- Present

- A nonprofit that includes children with lifelong disabilities and illness in college athletics
- Facilitated Zoom calls with Brown athletic administration to plan 5K run fundraiser and three other awareness events to increase Team IMPACT's presence on campus

Student Athlete Advisory Committee of Brown, Secretary Providence, RI | September 2023 – May 2024

- Developed attention to detail by coordinating members' schedules to create meeting times
- Spearheaded and organized meetings for members by preparing an agenda

SKILLS & INTERESTS

Programming Languages: Java, Verilog, Pyret, Python, Typescript, Javascript, CSS, MATLAB; React

Technical Skills: Proficient in Microsoft Office Excel, PowerPoint, Google Apps

Interests: Basketball, Reading, Photography