

# Joseann Boneo

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Brooklyn, New York 11208

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Dear Recruiter,

I am writing to express my enthusiasm in the Software Engineering internship as posted on your company website. I am a first-year undergraduate student majoring in BSc in Computer Science with a minor in Technology Entrepreneurship at New York Institute of Technology. Currently, I am the Vice President of the First-Generation Students Club at NYIT. Our mission is to recognize, empower, and celebrate first-generation students when they join the NYIT community and progress through their academic program. Additionally, I am participating in the Undergraduate Research and Entrepreneurship Program with a group of students from the College of Engineering and Computing Sciences at NYIT. Our mission is to research sustainability, in the scope of either architecture or energy consumption, and apply machine learning to determine the best possible solution for urban communities in New York.

I know that my technical and soft skills would be an asset to your organization. The following characteristics and abilities may be of interest to you:

- **Programming:** I have 2 years of experience using C on 2 large scale group projects as the lead programmer and algorithm designer. My group and I used qualitative and quantitative research on issues related to our community such as converting 2 paper-based management systems into an application. We applied our research skills to determine the best possible solution for each defined problem statement. The first problem statement discussed the organization of employee information for a small business and the second problem statement addressed the registration process for a school's Bazaar. This registration system was improved by implementing an application for 3 user types: vendors, customers and the school's administration. These users would be able to navigate the system to view and alter information to their respective profiles. I utilized functions, basic data structures concepts, file input and output and structs to create menu driven solutions for each management system while using an Agile Software Development Life Cycle.
- **Communication and Analytical Skills:** My experience from previous group projects has sharpened my communication skills and taught me valuable lessons in collaboration and initiation. For my 2 large-scale group projects, I established a compromise when my group and I had to select a problem statement and the fact-finding components. I ensured that each group member was satisfied. I also delegated duties to each group member, this meant each group member was responsible for a deliverable for an assigned Agile Development stage. We collaborated multiple times a week and I assisted in each stage of development, whenever any group member was overwhelmed. I utilized social media apps for weekly checkups and gave feedback based on the predefined functional and non-functional requirements. I ensured all my group members had the necessary tools to aid them in completing their assigned tasks.

With the experience I have gained, I would like to expand my knowledge of software engineering with hands on practical experience in addition to preparing for my business and entrepreneurship minor.

I am highly confident that my skills and academic background will enable me to make a positive contribution to your summer 2024 internship program. Please feel free to contact me for any further questions at (347) 558 8418 or via email at [jboneo@nyit.edu](mailto:jboneo@nyit.edu).

Thank you for your time and consideration. I look forward to connecting more with this company in the future.

Yours Respectfully,

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