Stephen Ebrahim

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EDUCATION:

New Jersey Institute of Technology - Newark, New Jersey   **Expected Graduation: May 2024**
Bachelor of Science in Computer Science
Minor in Mobile and Web Development
GPA: 4.0/4.0

TECHNICAL/NON-TECHNICAL SKILLS:

- Microsoft Word, Excel, PowerPoint
- Java, Python, C/C++, TypeScript, Angular, Ionic, HTML/CSS
- XCode, Visual Studio Code, Eclipse
- Bilingual in English and Arabic
- Excellent Math Skills

PROJECTS/RESEARCH:

Compiler (C++)   **Course Project**   **February 2021 – May 2021**
- Examined a plethora of foundational programing language concepts
- Engineered a compiler by incorporating a lexical analyzer, parser, and interpreter

Chess Game (Python)   **Independent**   **June 2020 – August 2020**
- Researched game design methods to implement a solid game architecture
- Designed a chess game with multiple customizable settings
- Utilized numerous data structures and algorithm techniques to enhance project

EXPERIENCE:

Verisk Analytics, Jersey City, NJ   **Software Developer Intern**   **June 2022 – Present**
- Successfully lead and completed two major tasks by laying down the foundation and implementing the essential functionality
- Effectively presented demos and shared progress to manager and product owner
- Meet with senior software engineers to research, learn, and apply best practices and enhance code base
- Participated in daily team meetings to communicate and follow agile methodology

New Jersey Institute of Technology, Newark, NJ   **Intro to CS I (C++) Grader / TA**   **September 2021 – May 2022**
- Strengthened my course material knowledge to ensure confidence and competence in the subject
- Maintained compliance with regular strict deadlines
- Assisted professor with necessary grading and course material

Galaxia International, Jersey City, NJ   **Office Assistant**   **May 2021 – August 2021**
- Handled sensitive data and enforced the integrity of the company
- Succeeded in conserving company time by developing a program that automated various tasks and processes
- Applied Excel skills to organize and manage data more efficiently
- Trained and supervised new employees and explained work tasks and responsibilities

VOLUNTEER EXPERIENCE:

National Honor Society   **Volunteer Tutor**   **September 2018 – March 2020**
- Tutored AP Computer Science and all levels of mathematics up to AP Calculus AB
- Exuded patience with students to maximize their learning and progression

LEADERSHIP/ORGANIZATIONS:

FTC Robotics – Captain Assistant   **September 2016 – March 2020**
- Cooperated with the team captain to engineer the program for the robot and to review and debug the code (using Java)
- Demonstrated leadership by communicating with teammates and collecting ideas to guarantee the team's success
- Prepared the team and was responsible for the final product for the club

AWARDS/ACTIVITIES:

- Dean's List   Member   September 2020 – Present
- AT&T Summer Learning Academy Badge   Recipient   August 2021
- iOS & Swift Course Certificate – Udemy   Recipient   July 2021
- Valedictorian of class of 2020 (DHS)   Recipient   June 2020