NEIL SOLOMON

New York, NY

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EDUCATION

City College of the City University of New York
Bachelors of Engineering, Computer Engineering: June 2021.
LaGuardia Community College of the City University of New York
Associate in Science, Electrical Engineering: June 2018

COURSEWORK

Completed: Data Structures   Introduction to C++
C++ for Engineers   Programming for EE (C++)
Assembly Language   Discrete Mathematics
Linear Algebra   Calculus I, II, III
Computer Aided Analysis (MATLAB)   Digital Integrated Circuits
In Progress: Algorithms   Operating Systems   Software Design

QUALIFICATIONS

Programming Languages: Proficient in C++, Python, and JavaScript. Basic experience with MATLAB, Bash, and SQL.
Technical Skills: React, Django, and Git.

EXPERIENCE

GAL Manufacturing   Bronx, NY
R&D Software Technician   08/19 - present
- Used React framework for development of the GALileo web app with a focus on displaying real-time data from the GALaxy elevator controller.
- Used Django framework to provide a robust database to transfer and save data from the GALaxy elevator controller to the GALileo web app.
- Applied principles of object-oriented and functional programming in Python and C to improve the speed and maintainability of GALaxy code.

R&D Software Intern   05/19 - 08/19
- Developed back-end code to facilitate communication between the GALaxy elevator controller and the new GALileo web app.
- Presented the new GALileo web app to company executives, showcasing live communication between the GALileo web app and GALaxy elevator controller.
- Assisted in documentation of software team processes including GALaxy simulator set-up and testing, and software version control.

PROJECTS

Game Night!
- A web app featuring tools for enhancing the fun of a game night with friends. Includes an interactive scoreboard, virtual bank, dice roller for Risk, and original game Tic-Tac-Grow.

AFFILIATIONS

Member, National Society of Black Engineers   2017 - Present