

Jane Davis

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EDUCATION

Kingsborough Community College

Brooklyn, NY

Associate in Science Degree in Engineering Science, G.P.A: 3.8

Expected 06/2026

- Completed foundational courses in Engineering, Mathematics, and Physical Sciences
- Developed skills in applying computing techniques to solve engineering problems
- Gained experience in scientific writing, quantitative reasoning, and research ethics

Relevant Coursework

EGR 2100 – Engineering Design

EGR 2200 – Introduction to Electrical Engineering

EGR 2300 – Introduction to Engineering Thermodynamics EGR

9201–9204 – Research I–IV

WORK EXPERIENCE

Brooklyn Engineering Solutions

Brooklyn, NY

Engineering Intern

06/2024 – 08/2024

- Assisted in design and analysis of mechanical components using CAD software
- Supported electrical circuit testing and troubleshooting under supervision
- Prepared technical reports and documented experimental results

Metropolitan Transportation Authority

Brooklyn, NY

Engineering Intern

09/2023 – 05/2024

- Directly involved in the design and construction of a mobile forced air tunnel car
- Created CAD drawings/electrical schematics and interpreted the end user's needs
- Technical representative during the NYCT internal construction of the unit
- Drafted the engineering documentation to account for the modification

VOLUNTEER EXPERIENCE

Kingsborough Community College

Brooklyn, NY

STEM Outreach Group Leader

11/2024

- Organized workshops introducing high school students to engineering principles
- Coordinated hands-on activities in robotics and renewable energy

HONORS AND ACTIVITIES

- Dean's List: 2023–2025
- Phi Theta Kappa Honor Society: Member, 2023–Present
- Engineering Club: Active participant in design competitions and research presentations

SKILLS

- Proficient in CAD software and MATLAB
- Strong foundation in Thermodynamics, Electrical Circuits, and Engineering Design
- Knowledge of research methods and scientific writing
- Proficient in Microsoft Word, Excel, and PowerPoint
- Excellent problem-solving and analytical skills