

Collins Nji Che Mbeuah

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EDUCATION

Wake Technical Community College

Associates in Computer Engineering, Associates in Science

Raleigh, NC

Aug. 2022 – Present

Undergraduate Coursework

Engineering Graphics, Intro to Engineering, Java Programming, C++ Programming, Python Programming

EXPERIENCE

3D Design Intern

Wake Technical Community College

August 2023 – December 2023

Raleigh, NC

- Tasked with the creation of a functional housing device for a seismograph
- Led the creation of a housing unit for a seismograph, demonstrating expertise in product design and development.
- Utilized Solidworks to facilitate collaboration and streamline the creation and modification of prototype models.
- Employed Prusa Slicer to troubleshoot and optimize the 3D printing process, ensuring high-precision and efficient production of seismograph components.
- Conducted thorough testing of various PLA filaments to guarantee consistent and accurate production of parts across different printing settings.
- Implemented an iterative design improvement process, evaluating and refining models after each 3D printing cycle.

PROJECTS

Camera Purchase Site | *HTML, CSS, JavaScript*

August 2022 – Present

- Designed and developed the front end of an online platform showcasing a comprehensive database of camera models to assist photography enthusiasts in informed purchasing decisions.
- Implemented a user-friendly interface with easy navigation and exploration of camera details, empowering users to compare specifications seamlessly.
- Incorporated direct links to reputable online retailers, streamlining the path from research to purchase.
- Leveraged HTML, CSS, and JavaScript to curate a valuable resource for photography enthusiasts, facilitating informed camera selection.
- Camera Showcase Site: <https://0ares0.github.io/CANON-LINK/>

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, HTML/CSS,

Developer Tools: VS Code, Visual Studio, PyCharm, CLion,

PROGRAMS

START Internship Program — (Wake Tech Community College)

National Society of Black Engineers (NSBE)