

Nathan Alleyne

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EDUCATION

Binghamton University, SUNY | Watson College of Engineering and Applied Science

Binghamton, NY

Bachelor's of Science in Computer Sciences

Graduated May 2025

NYC College of Technology, City University of New York

Brooklyn, NY

Associate's in Applied Science in Computer Systems Technology

Graduated May 2021

TECHNICAL SKILLS

Languages: Java, Python, C, C++, React

Software and OS: Microsoft Office, Azure, SQL, Linux, Windows, VirtualBox, AWS

Additional: Campaign Implementation, Video and Audio Rendering

Certifications: IBM's Professional Skills Badge, IBM's Design Thinking Badge

PROFESSIONAL EXPERIENCE

NYC Office of Technology and Innovation

Brooklyn NY

Infrastructure Management Summer Intern

Jun 2024 - Aug 2024

- Support I.M. team to network/troubleshoot/develop AWS and Azure Cloud services for numerous agencies spanning the City of New York, managing data and technology assets throughout CITYNET

IBM, Call Home Connect Cloud

Remote

P-TECH Tech Support Intern

Feb 2022 - May 2023

- Create automated tests with Java for asset handling on CHCC and record tutorials for users and support representatives

- Provided sequence of tasks for each step of testing in browser by utilizing NightwatchJS

- Support/consult clients about issues they experience using the tool/site or registering/managing their assets through registration ticket tool handling

IBM

Remote

P-TECH Systems Marketing Intern

Jun 2021 - Aug 2021

- Formulated a social media campaign to raise awareness for IBM Z, a new mainframe processed by IBM in a team of 7

- Presented campaign implementation and 3 networking systems to create a viable plan to company executives

- Manipulated social media listening software including Hootsuite and Sprinklr to obtain audience results

PROJECT EXPERIENCE

First Year Research Immersion, Image and Acoustics Analysis

Binghamton, NY

Researcher, Team Member

Sep 2021 - May 2022

- Researched generation of 3D deep fakes from previously studied methods utilizing 2D image processors and 3D scanning

- Recognized facial structures and utilized face machine language to map facial coordinates using Python

Code Nation, formerly known as ScriptEd

Brooklyn, NY

Student, P-TECH enrichment program

Sep 2017 - May 2020

- Developed HTML, CSS, JavaScript abilities with Etsy Volunteers at Etsy Headquarters, 2018-19

- Learned React with Google Volunteers while attending Google Code Next Office, 2019-20

ColorStack at BU, StackHacks Team lead

Oct 2023 - May 2024

LEADERSHIP EXPERIENCE

Pathways in Technology Early College High School Class of 2021 Valedictorian

Brooklyn, NY

P-TECH Senior Committee and Yearbook Committee 2021

President served Sep 2020 - June 2021

P-TECH Student Government

Freshman Representative 2017-18 & Sophomore Representative/Secretary 2018-19

- Organized, tracked, and logged finances and provided 3 hour meeting notes every week

National Society of Collegiate Scholars, inducted 2019 by City Tech

WORK EXPERIENCE

Zumiez Inc., Sales Associate, Oct 2020 - Jul 2021

Hicksville, NY

Dogtopia Inc., Canine Coach, June 2023 - Jan 2024

Garden City Park, NY