

Zachary Hank

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Education

Computer Science B.S. Date)

Fall 2023 - Fall 2025 (Expected Graduation

City University of New York: Queens College

Relevant Coursework:

- Software Engineering: collaborated with fellow students to develop a machine-learning application for stroke-detection.
- Operating Systems: developed an operating system from scratch using C.
- Wireless Networks & Signals: created simulation of multi-hop LORA-WAN network for subterranean smart-parking detection.
- Database Systems: expertise in SQL.
- Object-Oriented Programming in C++

Computer Science A.S.

Fall 2021 - Spring 2023

Suffolk County Community College

Relevant Coursework:

- Data Structures & Algorithms: Expertise in Big O complexity, recursive sorting algorithms (Merge Sort, Quick Sort), Data Structures (Lists, Trees, Heaps, Hash Tables & Hash Maps), and more.
- Computer Architecture & Organization: cache-allocation protocols, fetch-decode-execute cycle, assembly language, multiplexers and decoders, etc.
- Object-Oriented Programming in Java: developed JavaFX library application

Computer Repair

BOCES Education

Relevant Coursework:

- resolved software issues through effective system recovery techniques and malware removal strategies while gaining experience in preventive maintenance, upgrades, and hardware repairs
 - experienced using LINUX operating system
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Work Experience

LAN Administrator

Nov. 2021 – Present

Dialysis Clinic Inc.

26 Research Way, East Setauket, NY

- Established and implemented digitalization of patient medical records. All the clinic's patient's histories became 100% paperless.
- Drafted clinic documents and spreadsheets (clinic practices and procedures, staff schedules, legal forms, etc.) . All of the clinic documents are modifiable by management personnel without technological expertise.
- Maintained servers, dialysis machines, printing devices, and all other office technological equipment, ensuring equipment required for life-saving treatment was accessible at all times.

Smart Device Repairman

Mar. 2019 – 2021

iMobile

385 Rte 25A, Mount Sinai, NY

- Reviewed, diagnosed, disassembled, and reconstructed faulty smart devices: smart phones, tablets, smart watches, etc. Restored devices to 100% functionality.
- Established and maintained store website and social media accounts: Instagram, Twitter, etc., increasing store foot-traffic and sales.

Technical Skills

- **Programming Languages:** Java, C++, Python, SQL, HTML, CSS, Javascript
- **Microsoft Offices:** Word, Excel
- **Computer Hardware:** experienced in smart device diagnoses and repair.
- **Interpersonal skills/traits:** erudite written and oral communication skills, leadership experience, experience in high-stakes situations (working with dialysis patients at high fall-risk), collaborative, optimistic, courteous, hard-working