

Johnny Chen

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EDUCATION

University at Buffalo | The State University of New York

Feb 2023 - Dec 2025

B.S. in Computer Engineering | GPA: 3.4/4.0

Relevant Courses: Computer Organization, Data Structures, System Programming, Intro to Microprocessors

New York City College of Technology

Aug 2021 - Feb 2023

B.T. in Computer Engineering | GPA: 3.5/4.0

Relevant Courses: Electrical Circuits, Electronics, Operating System, Advanced Mechanisms, Computer Hardware Systems

TECHNICAL SKILLS

Programming Languages: Python, Java, Javascript, C, HTML, CSS, MIPS & ARM Assembly Language, Bash, Linux

Development Tools: IntelliJ IDEA, VS Code, Emacs, Code Composer Studio, Github, Git, Microsoft Office, iVerilog

PROJECTS

Atari 2600 Rubik's Cube | Project

May 2024

- Developed an embedded system Rubik's Cube game in ARM assembly language by incorporating microcontrollers such as Tiva C board and Alice Board
- Utilized GPIO for hardware interfacing and game control, while integrating hardware components including UART for communication, RGB LED for visual feedback, multiple LEDs for status indication, and momentary push buttons for user interaction and game mechanics

Campus Crumbs | UB Hackathon

November 2023

- Developed a food delivery website exclusively for campus life at University at Buffalo, addressing challenges faced by students, including limited job opportunities and nutritional needs
- Collaborated with a team of 4 focusing on python programming language and utilizing Streamlit for user interface design and web development, emphasizing user experience and accessibility. Utilized Git and Github for version control and collaboration

PROFESSIONAL EXPERIENCE

Data Analyst | Queensboro Toyota | NYC, NY

May 2024 - Aug 2024

- Monitored and documented showroom traffic, recording customer details such as names, contact information, and vehicle of interest from up sheets into Microsoft Excel and DealerSocket. Enhanced BDC follow-up efficiency by ensuring comprehensive and accurate customer data.
- Prepared and submitted detailed daily and monthly reports analyzing sales rep performance, customer interest trends, and key metrics such as closing and delivery ratios, enhancing sales strategy and efficiency.

Website Multimedia Intern | World Anti-Internet Fraud Alliance | NYC, NY

July 2023 - Aug 2023

- Managed social media platforms and websites, overseeing content creation, while conducting independent research on online fraud and anti-fraud information. Developed social media posts, videos, and blogs to enhance online presence and engagement, while providing assistance to individuals affected by online scams
- Collaborated with a team to utilize weekly documentation from the legal department, translating insights to impactful awareness social media posts and blogs. Demonstrated strong organizational skills collecting and organizing anti-fraud information, contributing to prevention of online scams