Johnathan Persaud

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Bachelor of Science in Computer Science   *Expected May 2026*
Relevant Coursework: Data Structures and Algorithms, Programming with Objects and Data Structures, Architecture From a Programming Perspective, Programming and Hardware Fundamentals, Differential Calculus, Integral Calculus, Linear Algebra, Discrete Mathematics

TECHNICAL SKILLS

Languages: C++, C, Java, X-86 Assembly, Python
Software and OS: Eclipse, Visual Studio Code, NetBeans, Linux, Vim
Additional: HTML, CSS

PROJECT EXPERIENCE

Personal Portfolio Website | Independent Project   *June 2024 – Present*
- Crafted a captivating personal portfolio website showcasing my proficiency as a programmer
- Leveraged HTML and CSS to design an engaging platform that not only introduces myself but also delineates my coding ethos and capabilities

Hoppin Duck, *Java Development* | Independent Project   *December 2022 – January 2023*
- Engineered a dynamic video game using the versatile NetBeans IDE and Java programming language, drawing inspiration from the popular No-Internet Dinosaur game
- Seamlessly integrated game sprites, captivating in-game music, intricate animations, unique special objects, and an intuitive start screen to deliver an immersive gaming experience

LEADERSHIP AND INVOLVEMENT EXPERIENCE

Game Design Club, *Founding Member*   *November 2020 – June 2022*
- Pioneered the establishment of a vibrant Game Design Club at my high school, fostering a creative haven for enthusiasts keen on delving into game design and Java programming
- Galvanized over 30 members within the inaugural year, cultivating a community passionate about gaming and technology
- Mentored budding designers, nurturing their skills and igniting their passion for game development and related disciplines

Shoveling Snow Within Community, *Volunteer/Freelance*   *Post Snowfall 2017-2021*
- Demonstrated proactive community engagement by voluntarily clearing snow from walkways throughout the neighborhood, safeguarding pedestrians against potential hazards
- Implemented strategic salting measures to mitigate snow and ice accumulation, ensuring the safety of fellow community members and minimizing the risk of accidents and injuries

ColorStack at Binghamton University, *Membership Engagement Chair*   *April 2024 – Present*
- Collaborate with Events Coordinator to advertise group events throughout campus
- Reached out to community members, both students and staff, to organize group activities and foster growth of the ColorStack organization on campus
- Collected feedback from members to understand their interests, preferences, and needs through the use of surveys
- Maintained an up-to-date roster to track membership engagement and participation throughout tenure in this position

WORK EXPERIENCE

Glorious Future Daycare, *Group Leader* | Queens, NY   *June 2021 – August 2021*
- Facilitated a stimulating learning environment at Glorious Future Daycare, nurturing the intellectual growth of local youths through comprehensive tutoring in core subjects such as Math, English, and Science
- Equipped the children with sufficient knowledge for their upcoming school year by fostering their confidence and familiarizing them with new concepts while also reviewing older concepts, ensuring that they retained information and knowledge they had acquired previously
- Achieved remarkable improvements in in-house test scores, elevating student performance by up to 75%
- Prioritized child safety through vigilant supervision and attentive care, ensuring a secure and enriching experience for all attendees