

Nosson Weissman

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EDUCATION

College of Staten Island - City University of New York

Bachelor of Science in Computer Science and Mathematics- Excelsior Scholarship | GPA: 3.77 *Anticipated: May 2020*

Kingsborough Community College - City University of New York

Associate Degree in Computer Science | GPA: 3.49 *Graduated: December 2018*

Honors: Dean's List (Fall 2017, Spring 2018)

Relevant Coursework: C++ Programming, Java Programming, Advanced Programming Techniques, Data Structures, MIPS Assembly Language, Discrete Structures, Physics for Engineers, Cryptology, Multivariable Calculus, Statistics, Differential Equations, Abstract Algebra, Linear Algebra, Numerical Analysis, Algorithms, Public Speaking, Software Design

TECHNICAL SKILLS

Programming: C/C++, C#, Unity, Julia, Java, MIPS Assembly, HTML, CSS, Javascript, React, Node.js

Technologies: Windows OS, Git/Github

PROJECTS

Emoticantoo, Emotion Recognition Game

July 2019 – July 2020

- Working with Professor on 12 month grant creating game to teach emotion recognition, using Unity game engine and C# for the scripts
- Teaches user to recognize emotion by focusing on intonation and cadence
- Incorporating familiar Galaga theme amongst other methods to gamify the task

Personal Website, hire-nw.com

June 2019

- Constructed personal website using as a platform to showcase coding skills
- Used Javascript, HTML, CSS, and Bootstrap to create graphics and a dynamic user interface
- Customized a templated website and set up hosting on AWS

Text Editor, VI Text Editor written in C++

April 2019

- Worked with a classmate to build a Text Editor in C++
- Operated similarly to the VI Text Editor and used to explain data structures and coding concepts to other students
- Incorporated various data structures including stacks, lists, trees, unordered/ordered/BST, and more

Honors Presentation, CUNY Kingsborough

December 2018

- Demonstrated the importance of error detection and explained Hamming (7,4) methodology and efficacy
- Presented on Hamming Code and Error Detection and Correction using PowerPoint visual aid

EXPERIENCE

CUNY Tech Prep, New York, NY // Student Software Developer

June 2019 – Present

- Selected for a full-stack Javascript program, as one of 125 students from 400+ applicants
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & scrum with Trello and Slack, test driven development, and CI/CD

Mekor Disability Services, Brooklyn, NY // Direct Support Professional

March 2016 – Present

- Trained 20+ staff to properly understand and implement behavior intervention plans for 12 service participants
- Collaborated with fellow team workers and 4 Behavioral Therapists to dynamically progress with behavior plans
- Devised strategy to save 45+ seconds and reduce time by 20% on chemical/fire drills while maintaining safety and efficacy
- Administered prescribed controlled medications for 12 service participants and filed the necessary paperwork

Project Extreme, Canadian Rockies, Canada // Mentor/Counselor

Summer 2014 and 2015

- Led outdoor activities for 2 campers such as tent-pitching and camping, whitewater rafting, biking and horseback riding
- Managed \$10,000+ in cash and personal devices as camp's Bank Manager
- Explained principles, techniques, safety procedures, and demonstrated the use of materials and equipment

ACTIVITIES

CSI Math Tutoring Center, Volunteer Math Tutor

January 2019 - Present

CSI Computer Science Club, Member

January 2019 - Present

2018 NYSMATYC, Participant

December 2018

Masbia Soup Kitchen, NYC, Volunteer

January 2016 - December 2016

Shopemco, Online Retailer

June 2011 - July 2011