Nosson Weissman

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EDUCATION

College of Staten Island - City University of New York   GPA: 3.77
Bachelor of Science in Computer Science and Mathematics- Excelsior Scholarship   May 2020
Kingsborough Community College - City University of New York
Associate Degree in Computer Science   December 2018
Honors: Dean's List (Fall 2017, Spring 2018)
Relevant Coursework: Data Structures, Linear Algebra, Numerical Analysis, Calculus-Based Probability, Algorithms, MIPS Assembly Language, Discrete Structures, Physics, Cryptology, Statistics, Differential Equations, Abstract Algebra, Public Speaking, Software Design, Web Database Applications, Serious Games

TECHNICAL SKILLS

Programming: C/C++ -3 yrs, HTML(1 yr), Java, Python, CSS, Javascript, Julia, MIPS Assembly, React, Node.js, C#, Unity, Postgresql

EXPERIENCE

CUNY Research Foundation, Research assistant   July 2019 – July 2020
- Working with Professor on 12 month grant from the CUNY Research Foundation extending a game to teach emotion recognition, using Unity game engine and C# for the scripts
- Teaching user to recognize emotion by focusing on intonation and cadence
- Incorporating familiar Galaga theme amongst other methods to gamify the task
  Reference: Sturm, D., Levitan, S., A Game to Assess Emotional Speech Recognition, Games For Change 2018

CUNY Tech Prep, New York, NY // *Student Software Developer*   June 2019 – Present
- Studying industry's most relevant technologies along with CUNY's top computer science students, technologies including React, Node + Express, and PostgreSQL as well as industry best practices for design

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

PROJECTS

Personal Website, hire-nw.com   June 2019
- Constructed personal website using as a platform to showcase coding skills while learning
- 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

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