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   *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 from the CUNY Research Foundation extending a 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
  Reference: Sturm, D., Levitan, S., A Game to Assess Emotional Speech Recognition, Games For Change 2018

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 as one of 125 students from 400+ applicants, full-stack Javascript program
- Learning 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