

# 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

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), Java, Python, HTML, 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 -Software Engineering Student**

June 2019 – Present

- Studying industry's most relevant technologies amongst 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**

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**

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