

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: 3.85

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, PHP, Python, HTML, CSS, Javascript, Julia, MIPS Assembly, Node.js, React, C#, Unity, SQL, AWS

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

Holdem' Poker, Project Manager

October - December 2019

- Led team of three in building Java based holdem poker game
- Utilized modular software design thereby increasing code reusability
- Implemented game through five main classes, Card, Dealer, Table, Player and Logic, mimicking properties of the physical game objects

Text Editor, VI Text Editor written in C++

April 2019

- Led two person team in building a C++ based Text Editor
- Editor operates similarly to the VI Text Editor
- Used project to explain various 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

ShidduchView, Testing and debugging AI based video dating app

September 2019 - Present

Project Extreme Fundraiser, Raised more than \$1000 for social good between classes and work in under 30 hours

December 2019

CSI Math Tutoring Center, Volunteer Math Tutor

January 2019 - Present

CSI Student Math Club, Founding Member

September 2019 - Present

CSI Computer Science Club, Member

January 2019 - Present

2018 NYSMATYC, Participant

December 2018

Masbia Soup Kitchen, NYC, Volunteer

January 2016 – December 2016