

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

Expected 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, Probability, Algorithms, Assembly Language, Physics, Differential Equations, Algebra, Public Speaking, Software Design, Relational Databases, 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

ShidduchView, Debugging

September 2019 - Present

- Collaborate with project management team, report on bugs as well as general issues such as UI and configuration
- Validate, beta-test app playing direct role software development life cycle
- Support QA testing and supply documentation detailing test results

CUNY Research Foundation - Research Assistant

July 2019 - Present

- Work with Professor extending a game to teach emotion recognition, using Unity game engine and C# for the scripts
- Implement game-based learning, offer instant feedback, just-in-time instruction, learn-by-doing
- Incorporate 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, Student

July 2019 - August 2020

- 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
- Learn how to work with data and machine learning algorithms from scikit-learn as well as how to visualize data using matplotlib and seaborn

Makor Disability Services, Brooklyn, NY - Direct Support Professional

March 2016 - Present

- Collaborate with fellow employees and team of 4 behavioral therapists to ensure optimal progress with behavior plans
- Administer prescribed controlled medications for 12 service participants and file the necessary paperwork
- Devised strategy to save 45+ seconds and reduce time by 20% on chemical/fire drills while maintaining safety and efficacy
- Trained 20+ staff to properly understand and implement behavior intervention plans for 12 service participants

PROJECTS

Online Scheduling System - Honors Project

January 2020 - Present

- Build online scheduling app for a group home at Makor DS, one of the [top 4](#) of [700](#) OPWDD organizations in New York State
- Enable selection from pool of 35 DSPs to be matched with each of 12 service participant and other specific daily duties
- Eliminate need for paper schedule, environmentally friendly and eliminate the need for scanning schedules
- Use MySQL database, HTML and Bootstrap for front-end, PHP for backend
- Research constraint satisfaction solutions for autonomous scheduler, save home thousands of dollars in man hours annually

Holdem' Poker, Project Manager

October - December 2019

- Led team of three in building Java based hold'em 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

Virtual Stock Trading Platform, Front End

October - December 2019

- Worked on team developing a web-app to teach users about stock market
- Enabled users to learn in an interactive environment and implemented learn-by-doing serious games approach
- Used Reactjs to implement a front end utilizing modular paradigm and interact with JS, Nodejs backend

Text Editor, VI Text Editor

April 2019

- Led two person team in building a C++ based Text Editor, which 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

ACTIVITIES

Project Extreme Fundraiser, Raised more than \$1000 for social good between classes and work in under 30 hours December 2019

CSI Math Club, Founding Member

September 2019 - Present