

# Nosson Weissman

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## EDUCATION

**Queens College - City University of New York**

Fall 2020 - Spring 2022

*Master of Art, Mathematics*

**College of Staten Island - City University of New York**

GPA: 3.85

*Bachelor of Science, Computer Science and Mathematics, Excelsior Scholarship*

Expected May 2020

**Kingsborough Community College - City University of New York**

*Associate Degree, Computer Science, Dean's List*

December 2018

## 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 in 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 and 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 for a full-stack Javascript program
- Learn 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
- Practice working with data and machine learning algorithms like scikit-learn, as well as data visualization 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 and implement constraint satisfaction solutions for autonomous scheduler, saving 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
- Used Reactjs to implement a front end utilizing modular paradigm and interact with JS, utilizing PostgreSQL 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