

# MD HASSAN

New York, NY · Hassanmd93@gmail.com · 3478638711 · <https://github.com/rhassan19996>

## EDUCATION

### City University of New York – John Jay

New York, NY

B.S. in Computer Science and Information Security with Honors *GPA: 3.897*

## SKILLS

Programming Languages: JavaScript, Python, HTML5, CSS3, C++, Java, SQL  
Tools: Git, Linux, CI/CD, VS Code, Eclipse, RESTful APIs, JSON, Agile, Jira  
Relevant Course Work: OOP, Data Structures, Algorithms, Database, Full Stack Web Development  
Frameworks: React.js, Node.js, TypeScript, ES6/ES7/ES8, jQuery, Angular  
Other: AWS, Microsoft Azure, Docker, MongoDB, Kubernetes, npm, Debugging  
-: Microservices, GraphQL, WebSocket, CI/CD, UI/UX, PostgreSQL

## PROJECTS

**STURICOUS:** *React, REST API, Node.js* [https://github.com/Stutricous/Stutricous\\_app](https://github.com/Stutricous/Stutricous_app)  
Sturicous is an app that can recommend meals based on your general health goals. Built using React JS, Node.js and Firebase as a dependency manager. Utilizes REST API. SQL Database for user accounts with modern encryption and data integrity protocols.

**Smart Home Blinds** *HTML / CSS, C++, JavaScript* <https://github.com/rhassan19996/Automated-blinds>  
A sophisticated smart blinds control system using an ESP8266 microcontroller and Google Home. Leveraging my skills in HTML, CSS, C++, JavaScript, and 3D design/printing, I developed a user-friendly web app for seamless remote operation of the blinds via voice commands or a mobile device.

## WORK EXPERIENCE

### Amazon

New York, NY

*ITS Support Eng I (ONS)*

June 2021 - Dec 2022

- Optimized seamless onboarding of new hires by preparing and provisioning hardware, ensuring a smooth transition into the company's technology ecosystem. Effectively managed IT asset inventory, ensuring accurate tracking and efficient allocation of resources.
- Proficient in employing ticketing systems and utilizing root cause analysis techniques to resolve technical issues promptly and enhance overall support processes.
- Collaborated with senior engineers to provide valuable insights and key performance indicators, aiding in decision-making processes and optimizing software engineering initiatives.

### KeyBank

New York, NY

*Software Engineer Internship*

Nov 2020 - May 2021

- Drive full-stack software development, encompassing design, coding, and comprehensive testing, ensuring exceptional quality across the development lifecycle.
- Employ analytical expertise to meticulously analyze requirements, crafting precise specifications and design documents to guide seamless development processes.
- Collaborate with cross-functional teams, offer strategic recommendations for innovative technologies/methodologies to drive efficient solutions.

### CodePath

New York, NY

*Web Development Tech Fellow*

Sep 2021 - June 2022

- Empower and guide aspiring software engineers through technical mentorship, offering expert assistance in problem-solving, code debugging, and algorithmic challenges.
- Conduct meticulous code reviews, delivering constructive feedback to enhance code quality, readability, and maintainability, nurturing students' growth as proficient software engineers.
- Contribute to the evaluation of student projects and assignments, meticulously assessing their technical prowess and offering valuable insights for improvement, fostering continuous learning and development.

## RELEVANT COURSES & TRAINING

### CodePath

CodePath partners with institutions and businesses to empower diverse students with practical coding courses, mentorship, and networking, bridging the opportunity gap in tech careers.

Jun 2022

### NFTE

Network for Teaching Entrepreneurship

Won app development competition 1st place

May 2018