

Brian Sherbert

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bsherbert.github.io

Education

Rutgers University, School of Arts and Sciences | New Brunswick, NJ

- Bachelor of Science, May 2020
- Double Major: Computer Science, Information Technology & Informatics
- Honors: Dean's List, Fall 2018 – Spring 2020

Brookdale Community College | Lincroft, NJ

- Associate of Science, August 2014
- Major: Mathematics

Projects

Digit Classifier | www.digitclassifier.com

- Built a perceptron that reads a user's drawings and identifies their response
- Developed an interface with React to accept user submissions
- Utilized a MongoDB database to store and retrieve training information for the perceptron
- Employs past user input as training data to continually increase the perceptron's accuracy
- Designed a RESTful API to communicate between the application and database
- Deployed using a Node.js droplet on DigitalOcean

A* Maze Traversal | bsherbert.github.io/A-star-maze-traversal

- Constructed an interactive site using React to visually demonstrate the A* pathfinding algorithm
- Created an interface for users to design their own mazes or generate random ones
- Applied animations to show the projected path at every step of the algorithm

Skills

Languages: Java, JavaScript, HTML, CSS, C, Python, SQL

Technologies: React, Git, Node.js, MongoDB, Express.js, MySQL

Work Experience

National Field Network | Howell, NJ

Data Entry Clerk, Dec 2015 – Nov 2017

- Reviewed contractor submissions to ensure quality and completeness of work
- Communicated with field workers to resolve on-site issues

Tradewinds Motor Lodge | Lavallette, NJ

Night Attendant, Jun 2015 – Sep 2015

- Oversaw the establishment as the sole attendant throughout the night
- Resolved all guest requests while maintaining cleanliness of the property