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EDUCATION

New Brunswick, NJ **Rutgers University** **Fall 2016 – May 2020**
- Bachelor's of Arts in Computer Science.
- Undergraduate coursework: Systems Programming, Databases, Data Structures & Algorithms, Linear Algebra, Principles of Programming Languages, Algorithm Design & Analysis, Computer Architecture.

EMPLOYMENT

Web Development Instructor **Local Community Center** **Summer 2018**
Edison, NJ
- Instructed web development fundamentals to a class of high school students.
- Created tutorials on HTML, CSS, and JavaScript, to make learning more beginner friendly.
- Developed mini-project assignments throughout the course to test student knowledge.
- Assisted students in final project to create a complete and responsive website for a mock start-up company.

PROJECTS

Python, Flask, JavaScript, SQL **Lynker** **February 2020**
- Created a fullstack webapp to generate shortened URLs to make links cleaner and easier to share.
- Incorporated SQLite database engine to collect and maintain unique links that map to a specific URL.
- Built an attractive and intuitive user interface to make the user experience simple and pleasing.

JavaScript **Sorting-Visualizer** **January 2020**
- Developed an application to graph and test popular sorting algorithms.
- Incorporated the Chart.js library to dynamically generate and display user input as graphical data.
- Maintained the real-time taken to sort the user array in order to showcase the efficiency of certain algorithms.

HTML, CSS, JavaScript **Hex-A-Color Game** **December 2019**
- Created a fun game where the player has to guess the correct colored square based on a unique hex value.
- Designed a clean and user friendly interface to make the game simple and enjoyable.
- Added additional functionalities and rules to increase the challenge and dynamic of the game.

Android, Java **RU Destination** **2019 – Current**
- Developing a mobile application so students can find the closest bus stop to any building on Rutgers campus.
- Incorporating nextBus API to find and display the real-time location of active buses.
- Utilizing Google Maps API to return walking directions to any desired destination on campus.

React.js **Personal Website** **2018 – Current**
- Created personal web page to showcase programming skills and personal projects.
- Dedicated links on portfolio page to direct user to personal projects.
- Maintain personal blog on various topics and interests.

Assembly, C **Binary Bomb Lab** **April 2019**
- Interpreted Assembly code from the binary file to learn and make assumptions about the .c file.
- Solved all 9 phases of the lab to defuse the bomb without incurring penalty using GDB Debugger.

SKILLS

- **Languages and Technologies**: JavaScript, Java, Python, C, HTML, CSS, XML
- **Programs**: Command Line, Eclipse, VS Code, Android Studio, Atom, Sublime Text, Adobe Photoshop
- **Libraries and Frameworks**: React, jQuery, Bootstrap, Materialize, Foundation