

MENEKOU COULIBALY

SOFTWARE DEVELOPER ☎ 5185300749

◦ DETAILS ◦

5185300749
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◦ LINKS ◦

[Portfolio](#)
[GitHub](#)

◦ SKILLS ◦

HTML/CSS/JavaScript

Node.js

Angular

Git

HTML/CSS/JavaScript

MYSQL

Python

C# .NET

PHP

Docker

Kubernetes

Java

Google Firebase

NoSQL

Linux

GraphQL

📁 EMPLOYMENT HISTORY

Advanced Repair Agent at BestBuy (Geek Squad), Albany

November 2014 — Present

Learned to use software tools such as Data Recovery, and do Network Diagnostics, Malware removal, and Hardware testing.

Software Developer/Programmer at Health Research, Incorporated, Albany

May 2019 — December 2019

Worked with Drupal which is based on the LAMP stack, creating modules and plugins, and updating New York State Department of Health websites, using a mix of PHP, Twig, HTML, and CSS, as well as knowledge of Object Oriented Programming and dependency injection.

🎓 EDUCATION

Associates, Schenectady County Community College, Schenectady

Bachelors, State University of New York at Albany, Albany

★ AWARDS

HackRPI, Troy, NY

2017

Won Best Game at HackRPI, our game implemented Angular, Firebase, and NodeJS.

Hack Upstate XIII, Syracuse, NY

2019

Won best use of Collectible Gaming Data Hack Upstate XIII,
<https://devpost.com/software/projec-lord-falcon>

★ PROJECTS

Mock Transaction App

This project is my mock transaction app, it allows users to make transaction which are posted on the front page, and on their account page. This app uses Angular for the frontend, Node.js for the backend, GraphQL, and MySQL for the database storage and calls, and JWT auth tokens, and refresh tokens for authentication.

ScreenCast Demo: <https://youtu.be/HT42SA38hCg>

GitHub Repo: <https://github.com/burhancoulibaly/mock-transaction-app>

Mosaic Image Generator

A mosaic image generator made in Javascript, using the p5.js package for drawing images, NodeJS for the backend, Google Firebase Storage for Storage, Google Firebase Firestore as a database and implements an octree data structure for pixel comparisons. This application takes an image (randomly selected from storage) and recreates it using images stored in Google Firebase Storage.

Demo: <https://mosaic-p5-demo.herokuapp.com>

<https://github.com/burhancoulibaly/mosaic-p5-revised/tree/mosaic-p5-demo>