

Ellexie Munyeneh

emunyene@uncc.edu — github.com/ellexie — byellexie.com

Personal Details

About Me Computer Science major seeking an intership for Spring 2020

My Readings *highscalability* · O'reily · Packt Pub · *medium* · *pyimagesearch* · *allaboutcircuits* · (some) Art of Electronics · *falstad*

Participated in Carolina Fintech Hub, CodeLinc, HackNC, HackGT, Pearl Hacks, HacakthonClt, Queen City, etc

Projects and Readings Involve fullstack web development. scalable, AI driven architectures for mobile and web. realtime and batch processing pipelines. microservices, system internals, interfacing software and hardware.

Tools

Web HTML CSS JavaScript/JQuery · NodeJS/ExpressJS · PHP

Databases MongoDB · MySQL

Computer Vision OpenCV · Tensorflow

Languages and Misc. Java · C++ · C# · Python · Swfit · Pandas · Matplotlib · Latex

Projects

Jupyter Notebook Data Analysis and Visulaization Projects

with Opioids Data, Cancer Images, MNIST Dataset

<https://github.com/ellexie/MachineLearning>

Obstacle avoiding bot with HC-SRO4 and Raspberry Pi

raspberry pi was embedded with Haar cascades facial detection algorithm

HTML5 and CSS3 website using JSON as a pseudo-database

<https://github.com/ellexie/groupFour> and <https://github.com/ellexie/salgado>

Misc. : Code challenges on codeeval.com, hackerank.com, SMTP email via Powershell, rf receiver, etc

[in progress to end of Dec.2020]

infinite scroll using Google's Intersection Observer

modifying [ellexie.github.io/salgado](https://github.com/ellexie/salgado) to load images from an AWS Redis instance via a web socket connection

Modeling the Enron Dataset and others with 4 different DBs

Neo4j, MySQL, MongoDB, PostgreSQL and connecting them to Kafka

Remote requests Computer Vision api

image processing api for either template matching, artistic style transfer, or image classificarion

Tools: Apache Kafka, Lambda Architecture, Nginx, AWS EBR, AWS EC2, Apache Spark and Hadoop, Cassandra, NoSQL DBs

Eudcation & Work

UNC Charlotte, Bachelor of Computer Science(Math not yet declared)—2014 to Fall 2019, Aug. 2020 to Dec 2020.

Clubs: ACM & ACMW

Work: University City Library Tech Tutor(2014 - 2016)