Elexie Munyeneh

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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 (won)	Carolina Fintech Hub, CodeLinc, HackNC, HackGT, Pearl Hacks, etc
Projects and Readings Involve	scalable, ML 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 Python · PHP
Databases	MongoDB · MySQL
Computer Vision	OpenCV · Tensorflow
Languages and Misc.	Java · C++ · C# · IOS Swfit · Pandas · Matplotlib · LATEX

Projects

Jupyter Notebook Data Analysis and Visulaization Projects
with Opioids Data, Cancer Images, MNIST Dataset
`https://github.com/elexie/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/elexie/groupFour` and `https://github.com/elexie/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 `elexie.github.io/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

requests Computer Vision api
¿¿Call made either from URLSession(IOS) or Web API(Express JS) ¿¿API will return a modified image, by applying either Artistic Style Transfer or Template matching

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

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)