HELEN MACKAY

Junior Python Developer

+1-271-199-8643 helen.mackay@gmail.com github.io/helen.python
Chicago, IL

SKILLS

Programming

Python · SQL · JavaScript

Data Skills

MongoDB · MySQL · AWS · NumPy · MatPlotlib · ML Algorithms · Scikit learn

TRAINING / COURSES

Python for Data Science & AI

IBM, 75% of course completed

Complete Data Science Bootcamp with Python, 2019

By 365 Career Team, 100% of course completed, Grade A

Ethical Hacking and Network Security

By Zaid Sabih, 100% of course completed, Grade B+

CERTIFICATION

PCAP

The Python Institute, 2019

STRENGTHS

Quick Learner

Learning new skills, technologies, and roles comes naturally to me.

Effective Communicator

Communication has played an essential part in working on a variety of projects.

Accountability

I take ownership of my mistakes so that I learn what I did wrong.

SUMMARY

Junior database developer with Python Associate in Programming certification. Knowledgeable in data fetching and organization, data visualisation, MySQL, MongoDB and AWS. Some knowledge ML algorithms.

EDUCATION

B.S. in Computer Systems and Technologies 2014 - 2018
University of Chicago Chicago, IL

GPA | **3.9** / 4.0

EXPERIENCE

Junior Python Developer 2018 - Present
Hudson Cloud Computing Chicago, IL

Hudson is a USA-based IT Services firm specializing in Enterprise Mobility, Information Management, and Cloud-based solutions.

- Working in a team of 15 people
- Taken active part in all development phases of 4 new products - research, design, development, testing, CI/CD
- Maintaining large databases and collaborating with colleagues on the reduction of software maintenance expenses - decreasing the costs by 15% in just 1 year
- Visualised over 20 datasets with MatPlotlib

Python Database Developer Intern 2017 - 2018
Wolf Chicago, IL

Wolf is a website with 500K unique clicks/month and with more than 8 million products in the database where customers can check the price of any product in the most famous US electronics stores.

- Designed and implemented web application for new requirements in just 3-4 weeks which is production ready
- Integrated 8 APIs for fetching prices, product information and photos from 3rd party sources
- Completed 150 hours of Data fetching and organization training

PROJECTS

Convolutional Neural Network Based Emotions Recognition System 2017 - Present

University of Chicago

A CNN based emotions recognition system, built with Scikit-Learn, Tensorflow and OpenCV -

- 86% degree of accuracy and confidence for real-time emotions recognition
- Potential applications in - Behavioural analysis, real time analysis of customer satisfaction in retail settings, automatic photography

github.com/vnihit/CNN-Emotions-Recognition