

Benson Chan

Python developer

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PROGRAMMING: Python Java SQL HTML CSS Javascript

APPLICATIONS: Git, MySQL, Pycharm, Eclipse, IntelliJ, Visual Studio Code, PowerBI, Jupyter Notebook, Excel

DATA SCIENCE TECHNOLOGIES: Pandas, NumPy, Scikit-Learn, Seaborn, Matplotlib, Pytorch

OTHER KNOWLEDGE: Technical and Fundamental analysis, CAPM, Risk Management, Monte Carlo simulation

LANGUAGES: French, English, Cantonese

IN PROCESS OF LEARNING: AWS, Dockers, Kubernetes, Streamlit, Azure

Projects

TIKTOK DATA ANALYSIS

- Created a real time interactive dashboard with Streamlit to visualize hashtag trends, user data and charts

SCRAPE REDDIT

- Scraped on Reddit comments by top posts and hottest posts, over 3000 posts, onto panda data frame
- Used term frequency to identify trending stocks and applied sentiment analysis per comments (Vader)

FORECASTING BITCOIN PRICES

- Implement machine learning model LSTM and SVM model
- Optimized ML models' hyper-parameters with random forest

BITCOIN RESEARCH AUTOMATION WITH DEEP LEARNING

- Scraping and cleaning stock and crypto on over 2000 news from the web using BeautifulSoup
- Summarizing Financial News using a fine tuned Pegasus Transformers model
- Calculating sentiment using Transformers pipelines

Professional Experience

Multidev Technologies (Internship), Support Analyst

2018 June – 2018 November

- Solved technical problems in a timely manner with ticket prioritization to over 100+ multi chain retailers
- Assisted in automation and improvements to systems installation which led to lower installation time
- Provided technical support to software users (software installation, configuration, and general questions) by phone and/or remote connections, and reported major bugs to developers

Benihana, 3 Amigos, Yen sushi, Topsy Cow,

2015 January – 2021 December

Busboy, Bartender, Waiter

- Serve all customers in a courteous, and timely manner
- Increased workflow and quality of services by helping other staff members when my own tasks was completed

Education

Bachelor of Computer Science - General Program,

2017 January – 2021 May

Concordia University

Montreal, Canada

Certificate: Python for Finance: Investment Fundamentals & Data Analytics

365 Careers, Online Course Udemy