Jian C

ericcj24.github.io

SUMMARY

- Software developer with 4+ years experience in algorithmic trading, focusing on algorithmic trading development, Good experience in analysis, design, development, testing, and implementation of various algorithmic trading strategies. Life long learner, keen interest in machine learning, and block chain, dedicated professional. Experience in Object Oriented Programming, upgrading legacy software, and agile development.

EXPERIENCE

Global Trading Research, Instinet, London Oct 2015 - present

Algorithm Developer

- Delivered a submission size solution for main trading products to mitigate trading cost and performance
- Lead the transition from legacy code to new code on major algorithms in Europe
- Develop and maintain main trading algorithms like VWAP, TWAP, and Participation

Global Trading Research, Instinet, San Francisco June 2014 – Oct 2015

Algorithm Developer

- Developed electronic algorithmic trading programs for GTR's global platform
- Focused on delivering trading solutions with high quality, stability, and performance
- Utilized d3, jquery, Java Swing, etc libraries to delivery user friendly products

Bchart4 Bitcoin Trading Data Display on Android March – May 2014

Java Developer

- Developed an application to graphically display bitcoin trading data from Bitstamp.net
- Utilized Jackson(JSON), Androidplot, sharedPreference, ContentProvider, and SQLite for data
- Implemented Pusher, IntentService, Service, and AlarmManager for real-time update

XiaoMaiFeng Social Commence Platform July – August 2013

Developer

- Coded web apps in a two-student start-up team to develop a Chinese version of Chirpify
- Used Django web framework for backend, JSON standard, OAuth 2.0 protocol
- Utilized Python Requests library to communicate with social websites' RESTful APIs

Embedded DSP Design on Android Platform, Class Project January – May 2013

Team Member

- Used Android NDK package, OpenCV library, and FFTW library
- Implemented C code to do real-time signal processing: histogram, autocorrelation, etc
- Simulated digital signal processing result on MATLAB
- Scripted Java code to design the overall framework of the app

EDUCATION

Bachelor of Science in Electrical Engineering, University of Illinois at Urbana Champaign, 2013

ACHIEVEMENTS AND ACTIVITIES

Ke Huan Shi Jie (science fiction magazine in China), Author April 2014

Daily Illini, Newspaper Guest Columnist April 2014

Aerial Robotics Club, University of Arizona January – May 2010

- Worked on Unmanned Aerial Vehicles (UAVs) operating on pre-programmed GPS or RF

Engineers Without Borders, University of Arizona September – December 2008

- Assisted in the expansion of EWB's water distribution network in Volta Region of Africa

Honorary Citizen of Tucson, AZ May, 2009