

Yunyun Huang

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Education:

University of Southern California, Los Angeles, CA

Dec 2018

Master of Science, Computer Science, cumulative GPA 3.54

University of Southern California, Los Angeles, CA

Dec 2016

Master of Science, Financial Engineering, cumulative GPA 3.68

Technical skills:

Programming Languages: Python, Java, C++, Matlab, R, SQL, HTML, CSS, JavaScript, React, PHP, Swift

Applications: MS Visio, Adobe Photoshop, Apache Hadoop

Related courses and course projects:

Web Technology and Information Retrieve: Provide web application to perform query search using Facebook APIs, use Swift to develop an IOS App with same function. Build inverted index for large data with Hadoop based on Google Cloud Platform.

Data Structures and Algorithms, Artificial Intelligence: Algorithmic techniques for solving various computational problems and implement algorithmic coding problems in Java or C++.

Retrieving, Processing, and Visualizing Data with Python: Retrieved raw email data, parsing data using Python, processed raw email data by using SQL, created relational schema of the raw email data, visualized data with a word cloud and frequency distribution graph.

Professional experience:

The Veloz Group. Web Engineer

The Veloz Group, 1642 Westwood Blvd, Los Angeles

Summer 2017

- Developed E-commerce web application (customize tobacco) based on Opencart MVC-L framework responsively, including homepage and design tool page
- Used React to rewrite homepage and design tool page, got all website design data from JSON files, implemented mobile applications with React Native parallel
- Used SQL to design databases and used PHP to connect to MySQL to retrieve and modify data
- Tested the web application with different web browsers and different operating systems and fixed the bugs

Holly Future Co. Ltd. Department of Quantitative Technology, Quantitative Analyst

Holly Futures Co. Ltd., Nanjing China

Summer 2016

- Participated in the design of database for storing stocks trading data retrieved from Bloomberg platform every 30 seconds, implemented the part of data cleaning, modified missing and mistaken data automatically
- Used Matlab and R built-in models to analyze high frequency future trading data, visualized the data by generating charts and tables automatically every 30 minutes

Huatai Securities Co. Ltd. Internship, Financial Service Assistant

Hubu Street Securities Sales Department, Nanjing, China

Summer 2013 - 2015

- Maintained the client information database with spreadsheets and participated in the design of CRM platform, recommended proper financial products by analyzing client data
- Daily investment advisory services for young people, promoted mobile finance applications, educated the fun and profit of finance and investment even with small amount of money