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DARREN Y. LIU

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PROJECT EXPERIENCE

10/13 - Prsnt.   Ballwiz
            Founder
- Data science pipeline with web HTML data scraper, RESTful API listener, persistent SQL and noSQL data storage, extensive data cleansing script, regularized regression model, holt-winters & ARIMA time series model, Kalman filter bayesian update model, Glicko2 elo rating model, exploratory analysis with R and ggplot2
- Full stack python web app with NGINX reverse proxy, Flask server, real time data push with socketIO, asynchronized AJAX requests, Jinja2 templating, javascript visualization library Highcharts, bootstrap and material design, RabbitMQ message queue, Supervisor script management
- Predictive model for sports betting with $40,000 from outside investors.
- Video tour demonstrating software design and web app interface

PROFESSIONAL EXPERIENCE

07/12 - 10/12   PAREXEL International, Taipei
            Statistical Programmer
- Prepared data presentation in FDA reports
- Created tables and lists generating macro scripts using SAS
- Performed %LOGCHECK to achieve absolute redundancy in script generated content
- Ensured quality and on-time delivery

08/10 - 06/12   Taishin International Bank, Taipei
            CRM Analyst, Event Based Marketing
            Recipient of Best Direct Marketing Award 2011 from The Asian Banker
- Created customer centric event driven leads for in-house telemarketers to achieve higher conversion rate as a member of Event-Based Marketing team
- Generated leads with rule-based queries on Oracle SQL database

EDUCATION

Prsnt.   Udacity
            Data Analyst Nanodegree (concurrent)
            Completed projects webapp

2015   National Taiwan University, Taipei
            Global Master of Business Administration

2011   University of California, Los Angeles, Los Angeles, CA
            Master of Science in Statistics

2005   Pitzer College, Claremont, CA
            Bachelor of Science in Mathematical Economics