John Pugliesi

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA

BS in Computer Science/Business Administration
May 2017 | Los Angeles, CA
GPA: 3.92 / 4.0

Minor in Music Recording
Viterbi School of Engineering
Dean's List (All Semesters)

LINKS

Github:// **jpugliesi**
LinkedIn:// **jpugliesi**

COURSEWORK

Principles of Software Development
Data Structures and Object-Oriented
    Design
Discrete Methods in Computer Science
Applied Linear Algebra
Introduction to Digital Logic
Microeconomics for Business
Macroeconomics for Business
Foundations of Accounting

SKILLS

PROGRAMMING

Over 5000 lines:
C++ • Java
Python (and Django) • HTML

Over 1000 lines:
ruby (and Rails) • Javascript
CSS • PHP

Familiar:
MySQL • NoSQL
regex • Android • LATEX

SOFTWARE

FileMaker • Android Studio
Microsoft Office • Pro Tools
Bloomberg • FactSet

EXPERIENCE

ALBOURNE PARTNERS LIMITED

Dynamic Beta Summer Analyst
June 2015 – August 2015 | San Francisco, CA

- Reproduced investable, quantitative indices using python and pandas, a data analysis library
- Analyzed and backtested investable index models to assess their risk and robustness
- Contributed quantitative insight to risk reports that have been published for review by over 40 clients
- Developed a liquidity analysis report to assist in evaluating the commodity futures market

UNIVERSITY OF SOUTHERN CALIFORNIA INVESTMENT OFFICE

Investment Analyst Intern
August 2014 – Present | Los Angeles, CA

- Assist in performing a weekly Asset Allocation, estimating the $4 Billion Endowment portfolio's Month-to-Date performance
- Wrote Excel VBA Macros for a long term project analyzing fund manager correspondence and portfolio performance data
- Research, analyze, and compile information on securities, funds, and other pertinent data for Analyst review
- Record and Compile notes during, and after Fund Manager Meetings

WHADDY

Software Engineering & Web Development Intern
May 2014 – August 2014 | Boston, MA (Remote)

- Co-Developed an MVP for an e-commerce Ruby on Rails website within an agile team
- Extended and utilized the open source Spree Commerce Rails platform
- Implemented AJAX for dynamic web pages within the Rails application

SOUTHERN CALIFORNIA EARTHQUAKE CENTER

Web Design and Database Assistant
February 2014 – May 2014 | Los Angeles, CA

- Designed webpages for The Great Shakeout (shakeout.org) and other SCEC operated websites
- Manage and Maintain SCEC database for affiliated websites using FileMaker Pro, creating scripts and calculations for more advanced database functionality
- Utilize php and FX.php library to dynamically display FileMaker database content on the shakeout.org website

LEADERSHIP

2015   **Clarion Labs** | Co-Founder
        Selected out of 108 Mandarin students based on competency and effort in learning the Mandarin language

PROFESSIONAL INVOLVEMENT

ASSOCIATION FOR COMPUTING MACHINERY

University of Southern California ACM Chapter
August 2013 – Present | Los Angeles, CA
Active Member of ACM participating in hackathons and other educational opportunities

AUDIO ENGINEERING SOCIETY

Los Angeles Section, CA
October 2014 - Present
Student member of the Audio Engineering Society

PHI KAPPA PHI NATIONAL HONORS SOCIETY