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)

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

Bloomberg • FactSet
FileMaker • Android Studio
Pro Tools

LINKS

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

EXPERIENCE

ALBOURNE PARTNERS

Dynamic Beta Summer Analyst

June 2015 – August 2015 | San Francisco, CA

- Implemented investable, quantitative indices using python
- Performed data analysis and backtesting on investable index models to assess strategy risk and robustness
- Contributed quantitative insight to advisory risk reports utilized by over 40 clients
- Developed a liquidity analysis report to assist in evaluating the commodity futures market

USC INVESTMENT OFFICE

Investment Analyst Intern

August 2014 – Present | Los Angeles, CA

- Performed a weekly asset allocation, estimating the $4 Billion University of Southern California 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, aggregate, and analyze information on securities, funds, and other pertinent data for Analysts to review
- Record, compile, and edit notes for 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 web pages and managed databases for The Great Shakeout (shakeout.org) and other SCEC operated websites

LEADERSHIP & INVOLVEMENT

USC HYPERLOOP

Software Team - SpaceX Hyperloop Pod Competition

September 2015 – Present

- Design and implement software architecture for a high-speed ground transportation system

CLARION LABS

Co-Founder, Pro-bono Consultant for the USC Department of Public Safety

March 2015 – Present

- Provide USC's Department of Public Safety with statistical insights into crime data and reporting methods, while promoting campus awareness of local crime

ASSOCIATION FOR COMPUTING MACHINERY

University of Southern California ACM Chapter

August 2013 – Present

- Active member participating in hackathons and other educational opportunities