George Makris

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QUALIFICATIONS

- Over 3 years of experience in software development with hands on experience in Design, development and implementation using Python, Django, SQL, and PostgreSQL
- Excellent Programming skills using Python and SQL
- Proficient with Python Data Science Stack of numpy, pandas, matplotlib, seaborn
- Excellent experience in writing stored procedures with SQL Server 2014.
- Solid experience and understanding of object-oriented concepts
- Proficient in database design and development
- Experience in data analytics and data management
- Understanding of financial and accounting principles
- Strong Trading and Risk management knowledge
- Strong analytical and problem solving skills
- Experience in developing front end user interface using HTML, CSS, JavaScript, and Angular.
- Vast experience utilizing various option and futures trading platforms such as ProOpticus, TT, CTS, Ninja Trader and Global Risk.
- Excellent presentation, communication, and time management skills
- Ability to learn quickly and work well both independently and as part of team
- Actively seek opportunities to grow and develop

TECHNICAL SKILLS

Programming Languages	Python, JavaScript, HTML5, CSS3, SQL,
Web Technologies/Frameworks	Django, PostgreSQL,, Bootstrap UI, Razor, Agile Development , Numpy, Pandas, Rest API
Databases	SQL Server 2014, Firebase
Tools/Methodologies	Jupyter Notebook, Anaconda, Atom, Elephant SQL, Anaconda, Heroku, Linux, Quantopian, Mac OS, Windows, AWS, Google Developer Tools, Microsoft Word, Excel , PowerPoint, ProOpticus, TT, CTS, Global Risk, and Ninja Trader
Source Control	GitHub

RECENT PROJECTS

Personal Profile Page (https://george-portfolio.herokuapp.com/index.html) built with bootstrap, jquery, and html/css. provides links to relevant projects as well as github and linkedin.

Futures trading application-Built in *django* utilizing python, sql, jquery, html/css, plotly

Blog page-Built in *django* utilizing *python, bootstrap, html,css*

Weather Report Application- Created a webpage to allow user to input location and retrieve its weather information using *bootstrap, jquery, and yahoo api*.

Reddit Clone-Built in *django* utilizing *python, bootstrap, html,css*

Gem Store application-Created gem store webpage utilizing *javascript, html/css, bootstrap, angular js and firebase*

<table>
<tr><td>**WORK EXPERIENCE**</td><td>### Coding Temple</td><td>**2017 — 2017**</td></tr>
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Software Developer

Developed Full-Stack real time applications. Effectively communicated with a team to help foster support, and resolve issues in the timely delivery of the project deliverables. Analyzed Data using Python Data Science Stack. Developed Web Applications using Python, Django, SQL, HTML/CSS, JavaScript frameworks, and Angular.

- Logic using Python on Django Web Framework
- Worked Extensively with Python Data Science Stack (Pandas, Numpy, Matplotlib, Scikit-Learn)
- Utilized strong object oriented concepts
- Utilized web technologies, web development and server side components like Python
- Designed the wireframe of the website to map out the HTML5 design
- Enhanced the page layout by implementing CSS3 techniques to the applications
- Built client server responsive web application
- Used Git and Github for source or version control of all projects
- Model, APIs and Views utilizing Python, in order to build an interactive solution
- Developed dynamic web pages using Python Django Frameworks.
- Used JavaScript and Angular to add dynamic and interactive features such as filtering products and writing product reviews

CME Group   **2013 — 2017**

Technical Analysis Developer/Risk Manager

Responsible for research, market making, execution, and risk management of personal account using technical, fundamental and volatility analysis through the use of various trading platforms as well as Python and SQL

- Analyze Trading Strategies using Python, SQL, and Quantopian
- Design and develop analytical and visualization tools using Python Data Stack
- Experience with relational databases
- Conduct rigorous quality assurance testing and manage releases to minimize instances of impact to the Trading team
- Backend skills in creating SQL objects like Tables, Stored Procedures
- Business logic implementation, data exchange, processing data queries done using Python and Django
- Actively traded and managed complex portfolio of options and futures
- Performed stress testing using option "Greeks" (Delta, Gamma, Vega, Theta, Rho)

Walleye Trading   **2012 — 2013**

Head Agricultural Derivatives Risk Manager and Trader

- Initiated and managed Agricultural Commodities Group
- Managed risk of $3 million agricultural book as well as stress testing of portfolio using various option risk metrics ("Greeks")
- Utilized technical, fundamental, and volatility analysis to enter & exit positions
- Led modifications of proprietary software interface to accommodate agricultural trading
- Managed the firm's Agricultural Derivatives Margin Portfolio

Chicago Board of Trade   **2003 — 2012**

Risk Manager/Trader

- Managed risk of $3 million agricultural book as well as stress testing of portfolio using various option risk metrics ("Greeks")
- Utilized technical, fundamental, and volatility analysis to enter & exit positions
- Led modifications of software interface to accommodate agricultural trading

Citigroup / Knight Financial   **1996 — 2002**

Senior Index Trader

EDUCATION

Finance   **1990 — 1994**

University of Illinois Champaign-Urbana

GPA: 3.8/4.0

REFERENCES

References available upon request.