JONATHAN KROSS

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TECHNICAL SKILLS

Server Side: Python, Django, Django REST API Framework, Heroku
Client Side: HTML, CSS, Bootstrap
Data Management/Analysis: Django ORM, PostgresSQL, Pandas, Excel, Scikit-Learn, Machine Learning
Tools: Version Control (Git, GitHub) Agile/Scrum/Kanban, NumPy, Matplotlib, Functional and Object-Oriented, TDD

RELEVANT EXPERIENCE

The Iron Yard - Python Developer *Durham, NC*   3/16 – Present
Bringing Buzzwords Home
- The Iron Yard is a 12-week intensive programming academy aimed at preparing students with the skills of a junior level software developer and training them in approaching solutions, solving problems, and thinking like a developer
- Developed a dynamic Django web application to explore some of today's most contentious social issues
- Created, read, updated, deleted (CRUD) and extracted, transformed, and loaded (ETL) over 300,000 divergent data points
- Utilized Agile methodology on a three-person team to build a Heroku deployed scalable application within a 2.5 week deadline
- Designed a RESTful Django API to serve up JSON for D3 homepage data visualization map
- Employed Django's powerful ORM to query disparate databases within PostgresSQL
- Consumed GET requests from Google Places API to link and key together data within relational database

Other Projects and Works
- Cleaned and analyzed complex data sets using Jupiter Notebooks and Pandas; Matplotlib charts visualized data
- Collaborated on full-stack web clone of Stack Overflow; employed Python, HTML, CSS, Bootstrap, Django
- Built Monte Carlo simulations in Python to test and prove mathematical and statistical problems

The Principal Financial Group   *Raleigh, NC*   5/11 – 1/16
Senior Client Service Associate   3/14 – 1/16
- Informal team manager and department subject matter expert with nearly annual promotions and job title changes; reflecting a continual increase in job responsibilities, roles, and work ownership
- Assumed a Product Owner role in attending scrums, helping create software requirements, and providing a clear, motivating, and elevating vision for the products to be built
- Effectively communicated with key stakeholders throughout the organization and beyond, demanding the ability to communicate different messages to different people about projects at any given time
- Responsible for maintaining a strong balance between independent workload and working in team setting to meet customer service goals
- Represented entire Principal Nonqualified department as sole technical user, consultant, and expert during exploratory negotiations with third-party executive benefits software designers
- Maintained large amounts of data in internal client tracking databases, requiring strong analytical skills and strict attention to details
- Assisted in managing reporting projects, consisting of the successful audit and deliver of over 1,500 client reports
- Worked directly with Client Service Manager on coordinating and implementing new participant plan management for large and complex institutional client with hundreds of participants

Client Service Associate   6/12 – 3/14
- Coordinated with management on a new workflow system and task procedures to improve work effectiveness and efficiency
- Trained numerous contract employees and new team members on group tasks, demonstrating subject matter mastery, leadership, and strong verbal communication and interpersonal skills
- Assisted in managing reporting projects, consisting of the successful audit and deliver of over 1,500 client reports

Client Transaction Specialist   5/11 – 6/12
- Learned the complexities of nonqualified deferred compensation, executive benefits, corporate life insurance policies, tax regulations, and the diversification and management and mutual funds and phantom stocks
- Mastered propriety software and processed hundreds of enrollment contracts for senior executives

EDUCATION

The Iron Yard, Durham	University of California, Berkeley	Saddleback College
Python Engineering Certificate - 2016	B.A. - 2008: International Political Economy	Certificate-2010: Ecology