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Jason Hwa

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Objective I am a passionate life-long learner with over a decade of expertise in data analysis, reporting automation, business insights, and programming. I have a uniquely broad skill set that allows me to come up with creative solutions for your business needs.

Skills Advanced: C#, Python, SQL, R
Proficient: C++, Java, Unity, Git, Quicksight, Tableau

Experience **Data Consultant | JuiceBox** (Remote)
2022 – 2023

Modernized their data practices, brought data pipelines and code into unified version control.

- Unified python scripts into one location on Gitlab
- Made database changes to allow for adding and archiving units
- Added archive feature to the Unity application that allows MISO to keep track of power plants

Head of Reporting & BI | Kabbage, Inc. (Now an American Express Company) New York, NY
2018 – 2020

Responsible for all reporting and business insights activity at Kabbage.

- Migrated reports from a legacy system to a full stack reporting service complete with scheduling, quality checks, distribution, and alerting
- Built real-time dashboards in Tableau so that each team at Kabbage was able to constantly monitor their business area and be alerted of potential issues
- Led a small team with members around the world. Adapted agile methodologies so that our team was consistently producing results on a weekly basis

Sr. Manager, DS & Reporting | Orchard Platform (Acquired by Kabbage, Inc.) New York, NY
2014 – 2018

Built and maintained Orchard's custom reporting system.

- Automated client reporting, including daily PDF snapshots of their holdings (summary tables and charts generated in R)
- Saved our clients hours per day by automating tedious reports so that they could focus on making investment decisions
- Built the prototype for capital allocation tool in python, worked with product and engineering to develop it into a front-end tool for our loan origination clients

Principal Analyst | Agilex Technologies, Inc. (Acquired by Accenture) Chantilly, VA
2012 – 2014

Led multiple teams on the development and maintenance of a risk analysis model to score inbound international cargo for narcotics.

- Improved the performance of our model to capture up to 3 times as many seizures compared to pre-established models
- Worked collaboratively with government officials to deploy two model updates to all southern border ports of entry

Training **C# Programming for Unity Game Development | University of Colorado System on Coursera**
Course focused on object-oriented programming concepts for game developers. Topics include:

- Object pooling - manage a pool of similar objects to reuse resources and to decrease memory usage for temporary objects
- Event handling - reduce code dependency between game objects, specifying which events to listen to and how to respond
- Inheritance and polymorphism - simplify code by refactoring pieces that can be shared across objects

Education **Carnegie Mellon University – Pittsburgh, PA**
2011 - M.S. in Statistical Practice
2010 - B.S. in Mathematical Science (Operations Research)

Minor in Computational Finance

Graduated with honors, achieved High Honor Dean's List in multiple semesters