SAM COMERFORD

Software Engineer | Analyst

PERSONAL PROFILE

Currently looking for opportunities in Dublin. I have an extensive background in financial analysis, data manipulation & visualization and the financial markets.

Recently finalized an immersive software engineering program at Fullstack Academy in New York City to expand skillset and gain deep understanding of end to end software development. End goal is to create visually stunning and highly usable software for a company with an exciting mission.

CONTACT DETAILS

- Dublin, Ireland
- samcomerford1825@gmail.com
- +353 85 771 9349
- /in/samcomerford
- /samcomma

TECHNICAL SKILLS

Knowledgeable: JavaScript, Node.js, Express.js, React, Redux, Python, SQL, PostgreSQL, Sequelize, HTML5, CSS, Tableau, REST APIs, Git

Some Experience: Bootstrap, jQuery, Material.UI, Mocha/Chai, Heroku, Socekt.io, Webpack, Babel

FURTHER SKILLS

- Financial Technologies
- Data Analytics
- Statistical Modeling
- Business Intelligence Technologies
- Data Visualization
- Stakeholder Management
- Data Mining
- Web Application Development

EXPERIENCE

Financial Analyst

Trumid Financial | New York, NY | 2017 - Present

Trumid Financial is an electronic Alternate Trading System for facilitating corporate bond trades and bringing trading efficiency and market intelligence to credit professionals.

- Oversee curation of both day-to-day and strategic data reports for a client-facing team of 15 people
- Conceptualize and execute data visualization driven investor decks used during capital raises resulting in over $200m of funding for the company
- Create and maintain 30+ bespoke, detailed and interactive Tableau Dashboards to provide wide-ranging, easily consumable data immediately for Sales and Management Team
- Identify patterns in client activity/behavior on the Trumid System allowing the Sales Team to make informed, directed efforts when motivating clients to engage in the system and trade
- Create detailed financial models and analyses to aid in the company's long-term strategic plans, over which time the company's valuation has grown by over 200%
- Refactor and optimize ETL Jobs that used to take up to 1 hour, causing system crashes, to under 10 minutes and crash free
- Write complex SQL queries to discover trends and insights for managers, presented in ad-hoc dashboards and reports

Financial Analyst
Electronifie Securities (acquired by Trumid Financial May 2017) | New York, NY | 2014 - 2017

- Created data management processes to ensure the integrity of Electronifie's data assets
- Created and disseminated monthly data & information reports on the performance of the system to all internal and external stakeholders.
- Wrote python scripts to automate daily repetitive analytical and reporting tasks reducing a cumulative 2 hour process to 20 minutes
- Remained at Electronifie until final day of operation prior to Trumid's acquisition as one of 5 remaining staff members (incl. CEO, CFO and CCO) working towards finalizing the finer details of the acquisition, before transferring to Trumid

Assistant Project Manager
TPS Consultants | London, UK | 2013 - 2014

- Redesigned company database of historical project data to resolve data quality issues, improve data processing efficiency and automate upkeep of data accuracy
- Automated creation of multiple weekly reports using Excel and VBA, reducing turnaround time of each report by 50-70%
- Production of feasibility studies and quantitative forecasts to identify appropriate and cost-effective solutions to project briefs
- Collection, transformation, and cleansing of large amounts of raw-data on key project metrics to produce databases ensuring availability of easily consumable data and analysis for management team and other stakeholders

EDUCATION

Fullstack Academy, New York, NY | 2018 - 2019
Software Engineering Immersive

An immersive software engineering program focusing on Javascript and the NERDS (Node.js, Express, React, Databases using SQL) stack. Developed multiple high quality applications both individually and as part of an Agile team.

University College Cork | 2012 - 2013
Post Graduate Higher Diploma in Accounting and Corporate Finance | **First Class Honours**

University College Cork | 2008 - 2012
B.E. (Hons.) Bachelors Degree in Civil Engineering | **First Class Honours**
 - Awarded Title of College Scholar from 2009-2012

MORE ABOUT ME

- Driven   - Hardworking
- Personable   - Analytical Mind
- Reliable   - Team Player
- Adaptable   - Desire to Learn

INTERESTS

- Football - supporting more than playing these days, but always down for 5-a-side
- Live Music - my musical taste is containing more and more guilty pleasures every day
- Running - recently completed the Miami Triathlon, next up is the Iceland Marathon
- Travel - current Hit List: New Orleans, Switzerland, Japan