# Summary

An energetic individual interested in analysing data to bring clarity on otherwise murky problems. With a strong statistical background in economics from academia and drive to learn.

# Experience

**Mar 2018 - Present**    **Junior Data Scientist**      Acrotrend

- Currently involved in building, optimizing and researching natural language processing models in Python for customer insights and analytics.
- Assisted in developing a pilot app that utilised results from semantic analysis models built within Acrotrend. in a team of 4
- Designed and implemented a ordinal model evaluation procedure for semantic analysis
- Led User Acceptance Testing on developed products and ran walk-throughs for colleagues on new software
- Contributed to the in-house wiki to, assisting in the knowledge sharing

**Sep 2017 - Mar 2018**    **Research Assistant**      Swansea University, UK

- In a team of 2, raised $8,000 in funding from The Hub incubator at the University of Guelph, to develop a prototype hyperlocal content platform, aimed at delivering local news and events from community organizations to local users in realtime (i.e., hyperlocal)
- In a team of 3, built hybrid mobile & web apps with Ionic, Angular.js and MongoDB, surpassing 1,000 users within a month since launch
- Met with city officials, including the Mayor of Guelph, and university officials to discuss marketing & business strategies for the platform
- **Tools**: R, Python, scikit-learn, BeautifulSoup, pandas, matplotlib

# Education

**2014 - 2017**    **BSc Economics & Finance** (First Class Honours)    Swansea University, UK

- Performed highly in all Econometric modules, producing forecasts and regressions using Holt-Winters, Time Series Decomposition, LOGIT, and ARIMA methodologies.
- Acted for the School of Management as the College Representative, making me responsible for representing the views of more than 2,000 students
- **Tools**: Stata, Eviews, Excel