WILL KARNASIEWICZ, CFA

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Data scientist and CFA charterholder who is driven by a strong desire to continually learn, refine, and dig deeper into areas of interest, whether they be complex financial derivatives or homebrewing beer. I take pride in arriving at innovative and efficient solutions while clearly conveying my process and conclusions to stakeholders.

Skills and Certifications

Languages/Packages: Python, SQL, Scala, NumPy, Pandas, Sklearn, Matplotlib, Beautiful Soup, Selenium, Keras, Flask
Applications: *Data:* Jupyter, Github, Databricks *Finance:* CapitalIQ, MS Office, Oracle Crystal Ball, VBA, Bloomberg
Certifications: CFA Charterholder (Passed exams on first attempt, 2010 – 2012)

Professional Experience

General Assembly   **Washington, DC**
Data Science Immersive Program, Student   *February 2019 – May 2019*
 – Successfully completed intensive curriculum on data science topics including: data cleaning / EDA, regressions and classifications, NLP, web scraping, APIs, time series, Bayesian stats, clustering, neural networks, SQL, etc.
 – Built a DC/MD/VA beer recommender system; scraped over 100,000 reviews from RateBeer and constructed both content and collaborative-based recommenders with natural language processing of review text
 – Developed a supervised NLP model to distinguish Reddit posts from *konmari* and *hoarding* subreddits; built and deployed a web application for the model with Flask and Heroku at sparkingjoy-nlp.herokuapp.com
 – Collaborated on a team project to build an interactive Flask web app to automate FEMA's post-disaster inspection process with integration to Google Street View and Zillow APIs

Accion Venture Lab, Accion International   **Washington, DC**
Investment and Portfolio Analyst, Interim   *September 2018 – February 2019*
 – Conducted due diligence of potential new investments and follow-on investments in existing portfolio companies by researching comparable companies and similar transaction valuation multiples
 – Gathered and analyzed historical data on convertible note financings to better inform investment negotiations
 – Developed database of credit metrics for portfolio and industry peers; presented key findings to team
 – Supported the management team with operational issues related to the launch of a new fund, including providing information on valuation best practices, drafting a Supplement to the Private Placement Memorandum, and assisting with requests from prospective Limited Partners
 – Attended local industry events; served as mentor at an event for the Village Capital Fintech: US 2018 cohort

Andersen Tax LLC (f/k/a WTAS LLC)   **New York, NY**
Senior Manager – Valuation Services   *July 2016 – March 2018*
Manager – Valuation Services   *July 2014 – July 2016*
Senior Associate – Valuation Services   *July 2012 – July 2014*
Associate – Valuation Services   *December 2010 – July 2012*
 – Led projects representing $1.5 million in revenue for 2016-2017, with double-digit annual growth throughout
 – Managed the highest revenue client relationship for 2015-2017, a multi-billion-dollar publicly-traded insurance company; in charge of annual revaluations of various global equity and debt long-term investments
 – Consulted for hundreds of projects valuing equity interests in privately-held entities, business segments, and reporting units ranging in size from nascent-stage VC-backed entities to multi-billion-dollar corporations
 – Valued derivatives, including equity options, warrants, embedded conversion features, and employee stock options for fair value reporting (ASC 820); supported results throughout the audit review process
 – Appointed valuation representative for the firm's NY venture-backed company business development group and technical/quantitative lead for the NY valuation group, in charge of maintenance and development of best practices/models and sharing expertise in complex securities, derivatives, and Monte Carlo simulations
 – Researched, created, and presented an hour-long webinar entitled How to Value Your Company: From Day One to IPO through Georgetown University Alumni Career Services; authored multiple articles for AT newsletter

Education

General Assembly   **Washington, DC**
Data Science Immersive Program   *May 2019*
Washington University in St. Louis, Olin Business School   **St. Louis, MO**
Master of Science in Finance   *May 2010*
Georgetown University   **Washington, DC**
Bachelor of Arts, Major: Economics; Minor: Mathematics   *May 2009*
 – Financial Intern (Summer 2008), ApaTech, Ltd. Britain's fastest growing private MedTech company ('07-'09)
 – University of Sydney, Australia, Study Abroad Program, Fall 2007, *Distinction*