

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

Data Science Immersive Program, Student

Washington, DC

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

Investment and Portfolio Analyst, Interim

Washington, DC

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)

Senior Manager – Valuation Services

Manager – Valuation Services

Senior Associate – Valuation Services

Associate – Valuation Services

New York, NY

July 2016 – March 2018

July 2014 – July 2016

July 2012 – July 2014

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

Data Science Immersive Program

Washington, DC

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*