

# 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

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**Languages/Packages:** Python, SQL, Scala, NumPy, Pandas, Sklearn, Matplotlib, Beautiful Soup, Keras/TensorFlow

**Applications:** Data Science: Jupyter, Github Finance: CapitalIQ, MS Office, Oracle Crystal Ball, VBA/Excel, Bloomberg

**Certifications:** CFA Charterholder (Passed exams on first attempt, 2010 – 2012)

## Professional Experience

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### General Assembly

*Data Science Immersive Program, Student*

**Washington, DC**

*February 2019 – May 2019*

- Successfully completed intensive curriculum focusing on real-world applications of a variety of data science topics, including: data cleaning / EDA, regressions and classifications, natural language processing (NLP), data collection (web scraping / APIs), time series, unsupervised learning, neural networks, SQL
- Developed a supervised NLP model to distinguish Reddit posts from *konmari* and *hoarding* subreddits
- Collaborated on a team project to build an interact 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
- Screened conference attendee lists for prospective investment opportunities and networking contacts
- 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

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### General Assembly

*Data Science Immersive Program*

**Washington, DC**

*May 2019 (expected)*

### Washington University in St. Louis, Olin Business School

*Master of Science in Finance*

**St. Louis, MO**

*May 2010*

### Georgetown University

*Bachelor of Arts, Major: Economics; Minor: Mathematics*

**Washington, DC**

*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*