

Alexander Pitzer

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github.com/reztip

EDUCATION

Georgia Institute of Technology

M.S. Candidate, Computer Science – Machine Learning (August 2016 – Exp. August 2019)

University of California, Berkeley

B.A. in Applied Mathematics (August 2014, 3.92 GPA)

Coursework: Data Structure and Algorithms, Operating Systems, Programming Languages, Statistics

TECHNOLOGIES

Python (Django), R, Oracle SQL, basic Java, Linux

EXPERIENCE

Senior Research Associate - Arthur J. Gallagher Compensation Consulting

August 2014 to Present

- Developed and delivered base pay structures, incentive pay plans, and retention bonus models to various for-profit and non-profit clients
- Designed and implemented internal data wrangling and analysis tools using VBA and Excel
- Analyzed payroll datasets with R for legal compliance

Development Intern - Helix Technology (Oakland, CA)

Summer 2014

- Developed data wrangling/reporting tools to pipeline ETF performance data into Excel models for an asset management start-up
- Used Python (pandas, pyplot) and TradeStation's EasyLanguage

Research Assistant - The NBER (Berkeley/Stanford, CA)

Summer 2013

- Developed algorithms for analyzing genetic data in Python to identify correlations between intellectual property and molecular distance
- Analyzed data from publishing contracts, developed statistical reports and graphics using Stata in connection with an economist's book

Valuation Intern - Berkeley Investment Group (Berkeley, CA)

2011

- Created discounted cash flow models using financial statements with Excel in order to recommend investment strategies for a student-run investment fund