

Andrew Follmann

Resumé

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Education

August 2011 – **Oberlin College - B.A. Mathematical Economics (Honors) | Politics & Math Minor.**

May 2015 Cum. GPA: 3.45 | Major GPA 3.63

Courses Advanced Microeconomics | Advanced Econometrics | Linear Algebra | Multivariable Calculus | Education and Welfare | Probability | Discrete Mathematics | Public Economics

Took 25% more course credits than required for graduation.

Experience

Jan 2016 — **Senior Analyst, THE OAKLEAF GROUP - Bethesda, MD.**

- Present • Manage developer team, delegate project tasks, and identify needs, set schedules, and drive technology infrastructure projects.
- Develop SFTP programs for automated file receipt and distribution, saving manager time.
 - Develop web-crawlers / web-scrappers for automating file downloads and web page data extraction.
 - Create daily and ad-hoc management reporting to track productivity, timelines, flows, and staff allocation needs using Python, third-party APIs and SQL databases.
 - Manage multiple third-party software vendors to successfully mitigate cost.
 - Manage data for internal and external use in litigation support projects, saving clients money.
 - Work with subject matter experts and managers of large teams of underwriters to brainstorm, develop and implement human-technological processes for data extraction and loan evaluation.
 - Write SQL and Python scripts for financial reporting and auditing.
 - Develop and implement standard and ad-hoc ETL processes for coworkers to use in bond payment calculation models.
 - Write case studies and user manuals to support business development and to promote knowledge sharing across company.
 - Present and participate in code show-and-tells for best-practices knowledge sharing.

Dec 2015 — **Reporting Analyst, THE OAKLEAF GROUP - Bethesda, MD.**

- Dec 2016 • Translated and updated management reports from R to Python.
- Developed software pipeline for rearranging, compiling, bookmarking, and OCRing image files, integrating third-party vendors and software through Python, saving thousands of labor hours.
 - Developed a Python based image file reconstitution software, adding flexibility eliminating the need for the for the expensive LexisNexis Concordance Viewer.
 - Extracted, aggregated, and transformed data from heterogeneous documents for client reports.

Sept 2014 — **Honors Research, OBERLIN COLLEGE - Oberlin, Ohio.**

- May 2015 • Developed research question and conducted literature review.
- Gathered public survey data (ACS, decennial census) and government budget report data.
 - Cleaned, transformed and normalized data in ArcGIS, Excel and STATA.
 - Developed and ran fixed effects linear regressions in STATA.
 - Presented and defended thesis "*Geographical Distribution of Urban Public Services: A Case Study of Sanitation Spending in New York City*" in front of faculty and peers.

- Sept 2014 — **Instructor**, OBERLIN COLLEGE - EXPERIMENTAL COLLEGE - *Oberlin, Ohio*.
- May 2015 • Researched and designed 1 credit course on heterodox schools of economic thought, consulting professors and literature.
- Taught 90-minute course each week for two semesters, involving brief lectures and group discussion of readings.
 - Course is still being taught today, four years after inception.
- Jan 2013 — **Organizer**, RESPONSIBLE INVESTING ORGANIZATION - *Oberlin, Ohio*.
- May 2015 • Organized a two day conference with multiple schools and flying in in-demand speakers.
- Taught workshop on what is an endowment.
 - Taught workshop on community wealth. Conducted community outreach and student organizing.
 - Conducted web and in-person research on local financial institutions.
- June 2014 — **Research Intern**, BOSTON COMMON ASSET MANAGEMENT - *Boston, Massachusetts*.
- Aug 2014 • Researched Environmental, Social, and Governance (ESG) focused investing firms, creating a competitor analysis report that was used to identify market niches.
- Collected and compiled internal data in excel to construct a historic record of ESG evaluations by the firm.
- Feb 2012 — **Captain**, OBERLIN COLLEGE MEN'S RUGBY FOOTBALL CLUB - *Oberlin, Ohio*.
- May 2015 • Led physically and emotionally at practice and at games.
- Coordinated social events with other teams.
 - Coordinated with Oberlin Club Sports Council for logistic necessities.
- May - Aug 2011, 2012 • **Laborer**, BERKEL AND COMPANY CONTRACTORS - *Silver Spring, Maryland*.
- Worked with diverse teams on pile driver crew.
 - Secured earthen walls from collapsing during the excavation process for the foundations of large public and private works projects.

Computer Skills

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| Proficient | Excel, Python (<i>pandas, numpy, selenium, flask, scikit.learn, requests</i>), Salesforce, git |
| Intermediate | MySQL, AWS S3, AWS lambda, L ^A T _E X, Linux (<i>Mint, Ubuntu. Raspbian</i>), STATA, R |
| Basic | SPSS, ArcGIS, Octave, HTML, Machine Learning (<i>KNN, Logistic regression, binary trees</i>) |

Test Scores

July 2018 **GRE Verbal and Quantitative.**
 Verbal - 168 (98th percentile) | Quantitative - 166 (90th percentile) | Writing - 4.0 (59th Percentile)

References

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|------------------|---|
| Academic Advisor | Ron Cheung - OBERLIN COLLEGE, <i>Professor of Economics</i> rcheung@oberlin.edu (440) 775-8971 |
| Academic Advisor | Tobias Pfutze - FLORIDA INTERNATIONAL UNIVERSITY, <i>Assistant Professor of Economics</i> tpfutze@fiu.edu (305) 948-2318 |
| Manager | Wes Mesirow - THE OAKLEAF GROUP, <i>Managing Director</i> wmesirow@theoakleafgroup.com (802) 324-4268 |