

Aaron Phalin

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Education

Lawrence University, Bachelor of Arts

June 2019 (expected)

Major: Economics, Minor: Environmental Studies

Cumulative GPA: 3.78

- **Quantitative Coursework:** Calc I-II, Multivariable Calculus, Linear Algebra, Probability, Statistical Modeling
- **Technical Coursework:** Intro to Computer Science, Intermediate Java Programming, Data Structures & Algorithm Analysis (C++), Intro to Machine Learning
- **Selected Projects:**
 - *Econometrics:* Forecasted likelihood of movie genres to pass famous gender test through **logistic regression analysis**. Showcased skills in **Excel** spreadsheets and formal written communication.
 - *Advanced Econometrics:* Applied **interdisciplinary econometric research** tools including fixed effects regression analysis. Measured the effectiveness of urban butterfly repopulation programs.
 - *Health Care Meta-Research Analysis:* Wrote a detailed comparative report of various US health care systems in the United States.
 - *Abroad Sustainability:* Performed qualitative research on Chinese urban sustainability practices during a research program.

Experience

Web Developer, Personal Website

September–November 2018

- **Project-Based Learning:** Applied self-taught web development skills (HTML, CSS, troubleshooting, debugging) on a personal project. The desktop site can be found at this address: <https://aphalin11.github.io/>

Research Portfolio Manager, Model UN and Policy Debate

May 2012 – 2017

- Reviewed and managed argument portfolio in preparation for team UN conferences and public debates.
- **Effective Communication:** Achieved multiple speaker awards and joined several successful committees
- **Coordination Skills:** Delegated research assignments to policy debate team members.
- **Attention to Detail:** Researched debate literature and conference-related reports to design competition plans.

Ecological Restoration Intern, PH Natural Resource Commission, Prospect Heights, Illinois

June–August 2017

- Performed daily unsupervised work in restoring four ecological sites owned by employer.
- **Mixed Problem-Solving:** developed innovative ecological management plans, improving site's water quality and species diversity.

Field Technician Intern, Tallgrass Restoration, Schaumburg, Illinois

June–August 2016

- Aided supervisors in identifying plant species and performing management practices, improving *time efficiency of crew*.

Treasurer, Lambda Sigma Honor Council

September 2016–June 2017

- Oversaw management of club's \$3,000 budget, including three fundraisers, volunteer trips to 6+ community service partners.
- Handled reimbursements to club members and proposed money requests to campus' higher budget council.

Skills and Competencies

Programming: R, Java, C++, Git, SQL, HTML/CSS

Data Regression Analysis: OLS, fixed effects, logistical, IV, discontinuity