**Aaron Phalin**

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**Education**

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**Lawrence University,** Bachelor of Arts **June 2019 (expected)**

Major: Economics, Minor: Environmental StudiesCumulative 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