Daniel Ruswick

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Education

Northwestern University – *B.A. Economics, Minor Computer Science* **Expected June 2018**
GPA: 3.5/4.0, ACT: 35/36

Experience

Trading Technologies – *Software Engineering Intern* **June 2016 – August 2016**

- Expanded diagnostic capability of capture retrieval application written in Python and Backbone.js by adding secondary vlan filtering functionality to search interface
- Implemented dynamic scaling feature to actively and automatically manage capacity on Amazon EC2 clusters, improving app concurrency and saving $24,000+ per year in hosting costs
- Improved app load time by over 600% through database fetching and rendering adjustments, including rewriting API endpoints SQL for filtering and search

Northwestern University – *Software Developer (Part Time)* **September 2014 – December 2015**

- Developed applications using PHP (Laravel) and Ruby on Rails for four clients across university, including student assessment application, faculty performance review website, and data visualization/graphing app

Fruition Partners – *Technical Consulting Intern* **June 2014 – September 2014**

- Collaborated with managing consultant to develop web-based CMS systems for clients in energy, consumer goods and banking industries
- Created Photoshop and Balsamiq layout mockups in coordination with team design lead for various web development projects

YouSwoop – *Summer Intern* **June 2013 – August 2013**

- Composed and edited marketing emails seen by 5,000+ each day to drive increased traffic and sales

Skills

Software: Adobe Photoshop, Adobe Audition, Balsamiq, Microsoft Excel
Programming Languages: Python, Ruby, SQL, JavaScript, PHP, Stata, Matlab

Student Activities

DesignWorks – *Technical Director* **December 2015 – Present**

- Managed team of 6 student developers and oversaw web development comissions valued at over $10,000 total
- Facilitated business operations by sourcing commissions, providing quotes, and establishing timelines for clients in collaboration with business development and design teams
- Expanded our team by dentifing, recruiting, interviewing and onboarding new developers

Daily Northwestern Podcast Unit – *Audio Editor* **January 2015 – March 2016**

- Edited full-length digital stories (300-600 words) from our website into condensed scripts
- Recorded and edited 60-90 second stories using Adobe Audition

Politics and Policy – *Weekly Writer* **February 2015 – Present**

- Collaborated with group of 8-12 writers and editors to develop docket of stories in weekly meetings
- Researched and wrote brief (350 word) and long-form (1500+ word) articles on topics such as politics, international affairs, business, science/technology and economics