

Daniel Ruswick

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Education

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

Expected June 2018

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 and 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 development commissions valued at over \$10,000 total
- Facilitated business operations by ideating potential projects, sourcing commissions, providing quotes, and establishing timelines for clients in collaboration with business development and design teams
- Expanded development team by identifying, 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