

William P. Spilker

Education

Bachelor of Arts and Science (May 2017)

University of Nebraska-Lincoln

Major: Computer Science Minor: Mathematics GPA: 3.5/4.0

Relevant Coursework

- Raikes Software Design Studio (Microsoft Fargo Team)
- Internet Systems & Programming
- Software Engineering
- Programming Language Concepts
- Operating System Kernels

Experience

Software Engineer Intern (May 2016 – Present)

Firespring, Lincoln, NE

- Enhancing the content management system that powers the client websites by writing PHP and JavaScript to giving clients the power to customize their website
- Communicating with other team members to enhance product features
- Contributing in the planning of new features and products for the engineering team

Software Developer Engineer Intern (May 2015 – May 2016)

Zillow Group, Lincoln, NE

- Worked with a close knit agile team to create a service oriented architecture of RESTful APIs running on a AWS ec2 elastic beanstalks for high scalability.
- Engineered a python script that took test cases from an Excel spreadsheet to test a API service and allowed non-technical employees to write their own test cases.
- Collaborated with the marketing intern to create a Python script to prepare them for conferences

Teaching Assistant: Intro to Java (January 2015 – May 2015)

University of Nebraska-Lincoln, Lincoln, NE

- Advised three lab sessions and helped students with their course work during my weekly office hours
- Wrote and evaluated student's biweekly assignments for the course

Computer Skills

- Java
- Python
- PHP
- MySQL
- GIT
- Unix

Activities

Computer Science Student Advisory Board (April 2016 – Present)

University of Nebraska-Lincoln, Lincoln, NE

- Contributed to writing the organization's constitution to become a recognized student organization on the University of Nebraska-Lincoln campus
- Chair on the community outreach board to organize events with local professionals to help students learn more about local companies and employment opportunities

Committee for Fee Allocations – Student Government (October 2015 – February 2016)

University of Nebraska-Lincoln, Lincoln, NE

- Oversaw the yearly allocation of Student Fees at the University of Nebraska Lincoln.
- Met with fee users to apprehend the user's services and then reviewed and approved budgets.