

# ADAM WECHTER

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<http://www.github.com/wechter>

## EDUCATION

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### Allegheny College

January 2015

B.S. in Applied Computing: Software Development  
Minor in Economics

## TECHNICAL STRENGTHS

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### Computer Languages

3+ years of experience with Java, C, LaTeX, R, JavaScript, HTML, CSS, and SQL. Some experience with C# and C++

### Protocols, Frameworks & APIs

XML, JSP, JSON, JUnit, Spring, Swing, Meteor, Drupal

### Databases

MySQL, SQLite, JDBC, HSQLDB, JoSQL, Mongo, Filemaker, Netvault

### Tools

Vim, Eclipse, Git (BitBucket, GitHub), Ant, Gradle

### Operating Systems

OSX, Windows, Arche, Ubuntu 14.04, Mint

## EXPERIENCE

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### University of Pittsburgh

September 2015 - Present

*Radiology - Systems Administrator*

*Pittsburgh, PA*

- Maintain and provide support necessary for the Radiology department network for Mac, Windows, Linux, and Unix stations and systems.
- Provide systems administration for network including software and hardware upgrades and setup, backup and data recovery, user and data account creation and upkeep, and other technological support.
- Maintain legacy website and develop new drupal departmental website.
- Greatest asset from this position includes learning to maintain and prioritize goals from list of tasks, further systems knowledge of networks and complex file systems, and develop technical skills associated with position and work.

### Sarah Heinz House

Summer of 2014 - Present

*Tech and Robo Camp Counselor / Instructor*

*Pittsburgh, PA*

- Lead instructor for all robotics courses, STEM program Design Factory and FIRST lego league team.
- Work with kids and adults from different socio-economical backgrounds
- Greatest asset from this position was sharpening teaching skills and working with younger children to instruct and manage a curriculum in a sustainable way

### IBM Risk Analytics

Summer of 2013

*Intern*

*Pittsburgh, PA , Philadelphia, PA*

- Shadowed software development team developing derivative and collateral optimization processes to alleviate shortages
- Collaborated with work groups and learned derivatives language

### Longs Furniture and Design

Summer of 2009 - 2014

*Apprentice*

*Pittsburgh, Pa*

- Gained expertise in cabinet making including skills in carpentry in addition to small business skills and knowledge including customer relations, the production process, and resource management
- Greatest asset from this experience has been understanding the importance of the end product

### Allegheny College Senior Thesis

Summer 2014

*Optimizing Traffic Control with Genetic Algorithms*

*Meadville, PA*

- Year-long empirical study of how a genetic algorithm can optimize a traffic grids control system through the use of the ECJ Evolution Suite

**Allegheny Community Service & Service-Learning**

January - May 2014

*Computer Literacy Tutor*

*Meadville, PA*

- Aid in lesson planning and instructing of children (ages 5-12) on the uses of computer services including Pixlr photo editor and Microsoft Powerpoint
- Worked 10 hours per week during school to tutor students in computer skills

**Additional interests include reading, rock climbing, tech meet-ups, and youth development.**