Kyle R. Wenholz

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WORK EXPERIENCE

Amazon.com, Seattle, WA

Software Development Engineer II Warehouse Deals, March 2015 - Present

Software Development Engineer Warehouse Deals, May 2013 - February 2015

- Designed, specified, and built a new, AWS based software platform for a billion dollar reverse logistics business
- Reduced workflow launch time from days to hours by implementing a service for hosting and abstracting Simple Workflow workers
- Automated manual processes for communicating financial and inventory updates to vendors with asynchronous and event-driven workflows, saving over 200 man hours per week worldwide
- Integrated inventory tracking tools with a business portal, providing real-time analytics to replace monthly reports
- Led three engineers in localizing fulfillment center software and building translation management tools, reducing time to live by weeks and error rates by 50%
- Extended tax and accounting software to support international operations
- Enabled continuous deployment of systems through unit and integration tests with tools like Mockito and JUnit
- Performed technical talks for teams and developed new solutions to automated UI testing, deployment configuration, and monitoring
- Reviewed code, designs, and roadmaps for projects across multiple teams

CentsLess LLC, Tacoma, WA

Lead Engineer, May 2012 - January 2013

- Built Lendingshack.com with open-source frameworks and tools like Django and Bootstrap, a site for peer to peer sharing
- Deployed, operated, and monitored Lendingshack.com on Heroku

Mathematics and Computer Science Department, University of Puget Sound

Research Assistant, May 2011 - December 2011

- Designed and prototyped an instructor interface for real-time, in class, data visualization of student programming behavior
- Investigated novice programmer reactions to compile-time delays

EDUCATION

University of Puget Sound, Tacoma, WA

Bachelor of Science, May 2013

Mathematics, Computer Science

- Magna Cum Laude and Coolidge Otis Chapman Honors Scholar
- Member of Phi Beta Kappa and Upsilon Pi Epsilon

SKILLS

Languages: Java, Python, SQL, HTML

Software: Amazon Web Services, LaTeX, Git, Unix, Spring