

Codecinella Technical Talk

Web Performance

August 1, 2019

Madison, WI



codecinella

Lady Bug Fixers

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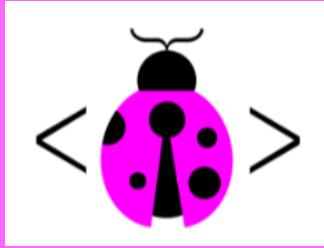
Inspired by the lady bug, our name is derived from the genus coccinella.

- Who are we?
 - Local women software developers and students
 - All levels of experience:
 - beginner (students, recent 'bootcamp' graduates, curious potential IT folks)
 - intermediate (5-10 years as IT professional)
 - advanced (more than 10 years professional experience in IT)
 - Codecinella operates as a 501(c)3 non-profit organization through fiscal sponsorship by the Center for Community Stewardship (C4CS), our fiscal agent. <http://www.community-stewardship.org/projects/codecinella/>

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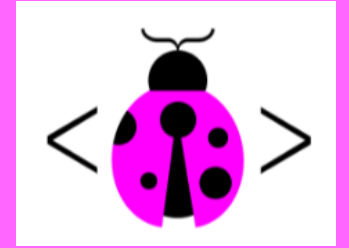
Improving technology through feminist cooperation.

- What problems are we addressing?
 - Lack of diversity in IT
 - Shortage of IT talent
 - Poor retention of mid-career women software engineers
 - More than half (56%) of women in technology leave their employers at the mid-level point in their careers (10-20 years)³



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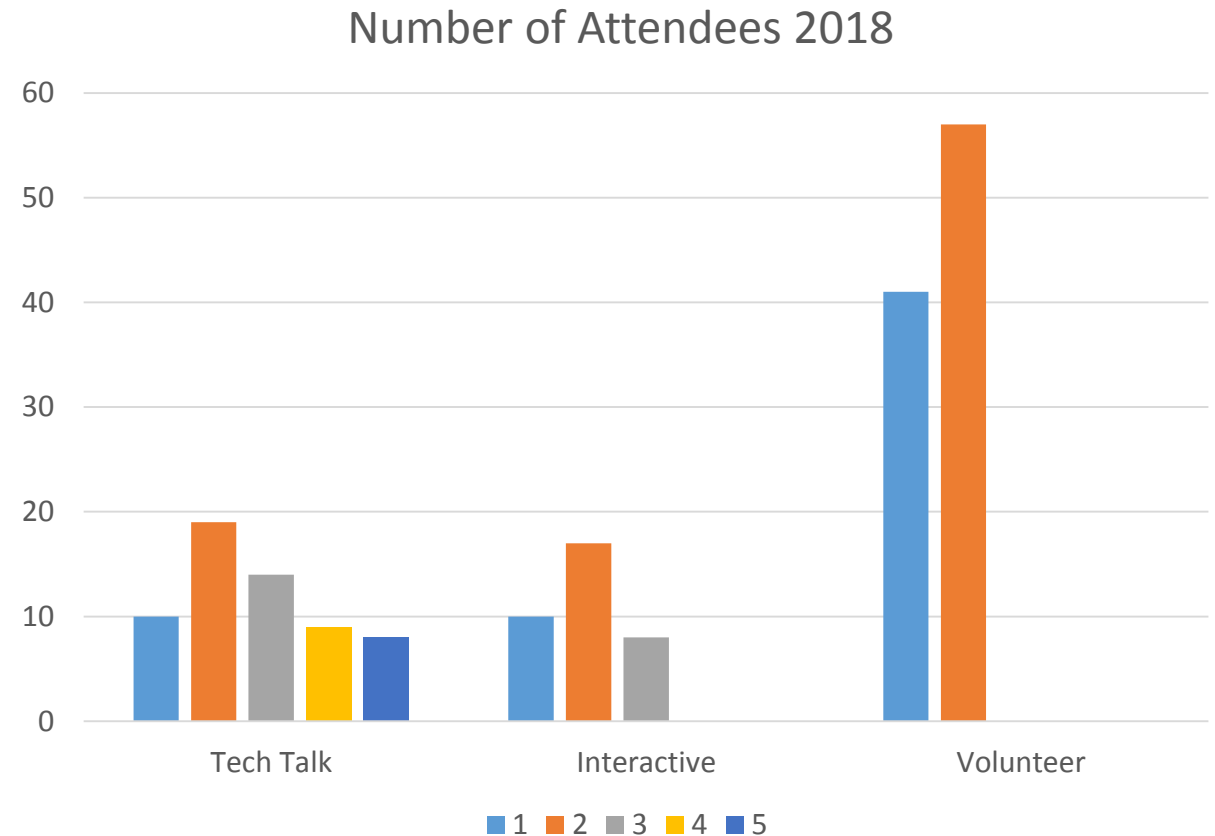
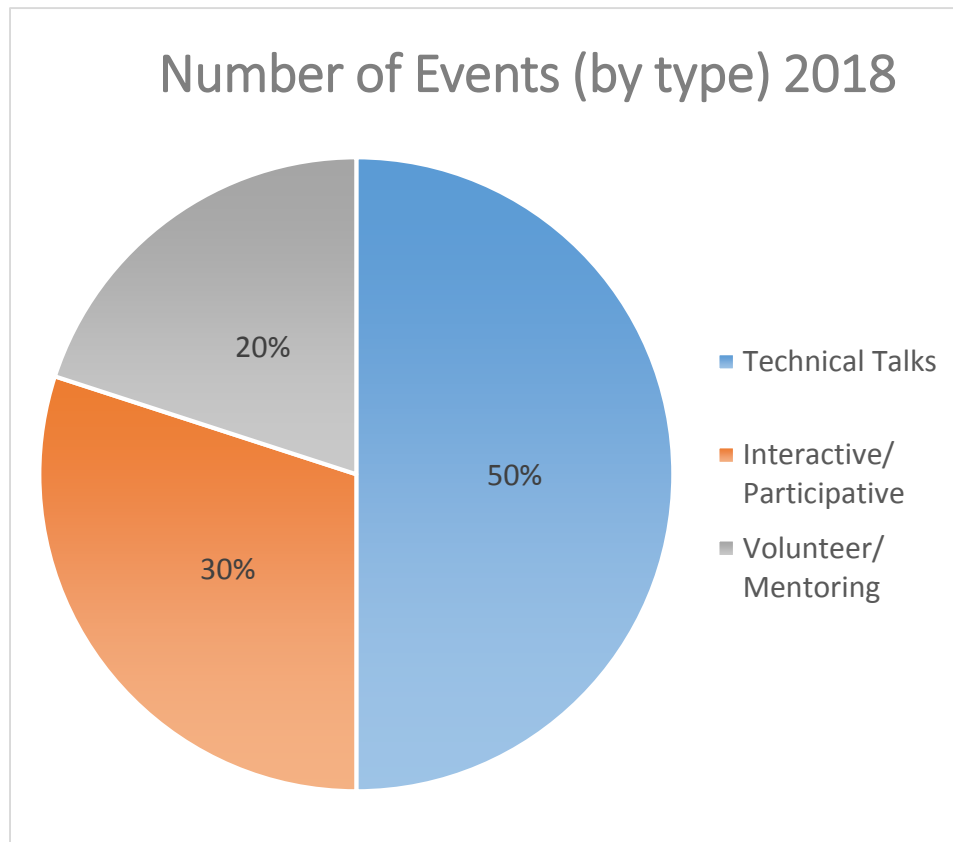


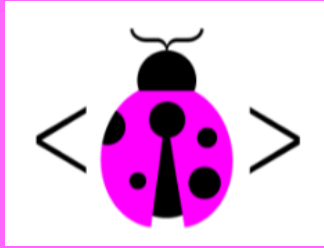
- How do we address these problems?
 - Encourage and support technical women, especially software engineers
 - Focus on retention more than recruitment
 - Hold technical talks, workshops, hack sessions, career panels, technical interview panels, mentoring, et cetera

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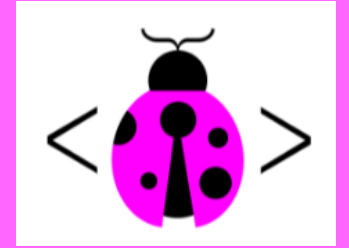
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- What are our events like?

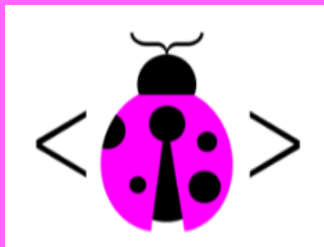




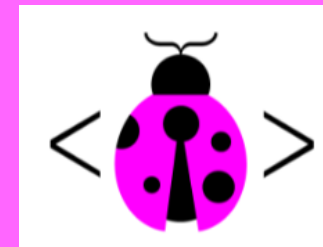
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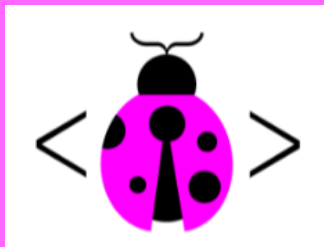
- Past events (2019):
 - Web Performance, August
 - MLaaS – Machine Learning as a Service, July
 - Happy Hour with Women In Tech, June
 - Unit Testing, June
 - Career Panel (UW), March
 - A day in the life of a female computer science professional
 - A Dive into Problem Solving with Genetic Algorithm, February



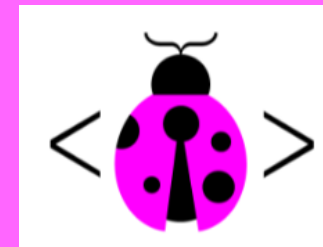
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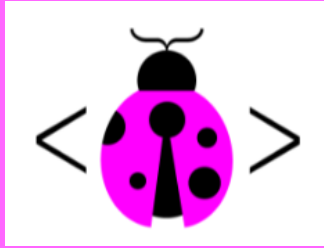
- Past events (2018):
 - Lightning Talks Workshop, November
 - Technical Interview Sprint for Women in Computer Science (UW), October
 - She Talks Data, October
 - Secure Coding for Developers, September
 - Working the System: Chip Design, August,
 - What is Tableau?, June
 - Software engineering in the video game industry, May
 - Career Panel (UW), April
 - A day in the life of a female computer science professional
 - Hands-On Hardware Workshop, March
 - Machine Learning, January



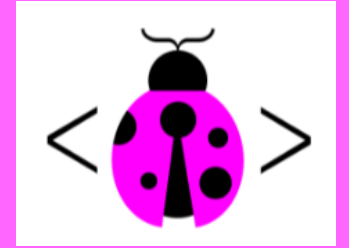
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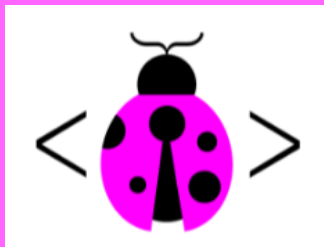
- Past events (2017, 2016):
 - Making the World Better One Video Game at a Time, November, 2017
 - Git Basics: Intro to Software Version Control, October, 2017
 - Technical Interview Sprint for Women in Computer Science, September 2017
 - How a Website Works, August, 2017
 - The DevOps Landscape: Tools, Tips and Starting Points, June 2017
 - Becoming a Full Stack Java Developer, May 2017
 - Career Panel, April 2017
 - CodePen Day: HTML, CSS, JavaScript, March 2017
 - How to Make Your Website Not Ugly, February 2017
 - Predictive Analytics with Big Data, January 2017
 - Hands-on Power Query Workshop, November 2016
 - Intro to Power Query, October 2016



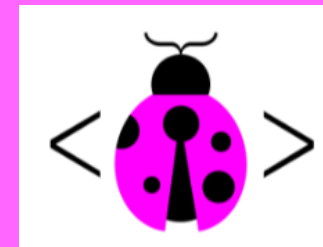
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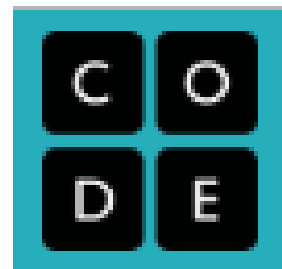
- Upcoming events 2019:
 - Technical Interview Sprints (UW), fall
 - Innovative Data Visualizations to Engage the Public with USGS Science
 - October 16, 5:30, at Bunker 202 State Street #300
 - Cloud/ Azure/ AWS
 - Hands-On Hardware Workshop
 - Lightning Talks
 - Atlassian Tools
 - Angular with Spring
 - Other Technical Talks



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Footnotes and resources:



1. <https://www.ncwit.org>
2. <https://code.org/>
3. <https://www.ncwit.org/blog/did-you-know-demographics-technical-women>
4. <https://code.org/advocacy/state-facts/WI.pdf>
5. https://www.ncwit.org/sites/default/files/resources/btn_04042018_web.pdf