

# Codecinella Technical Talk

## Becoming a Full Stack Java Web Developer



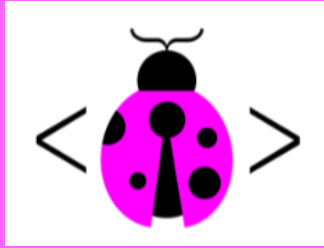
codecinella

Lady Bug Fixers

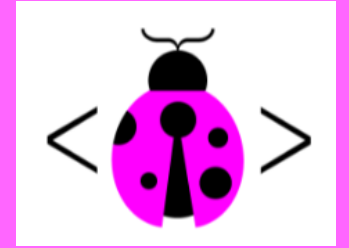
# Codecinella.org

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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- What problems are we addressing?
  - Lack of diversity in IT
    - Women comprise 20% of software developers<sup>1</sup>
  - Shortage of IT talent
    - 1.1 million IT jobs by 2024, of which 41% can be filled by US bachelor degree recipients<sup>2</sup>
  - 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)<sup>3</sup>

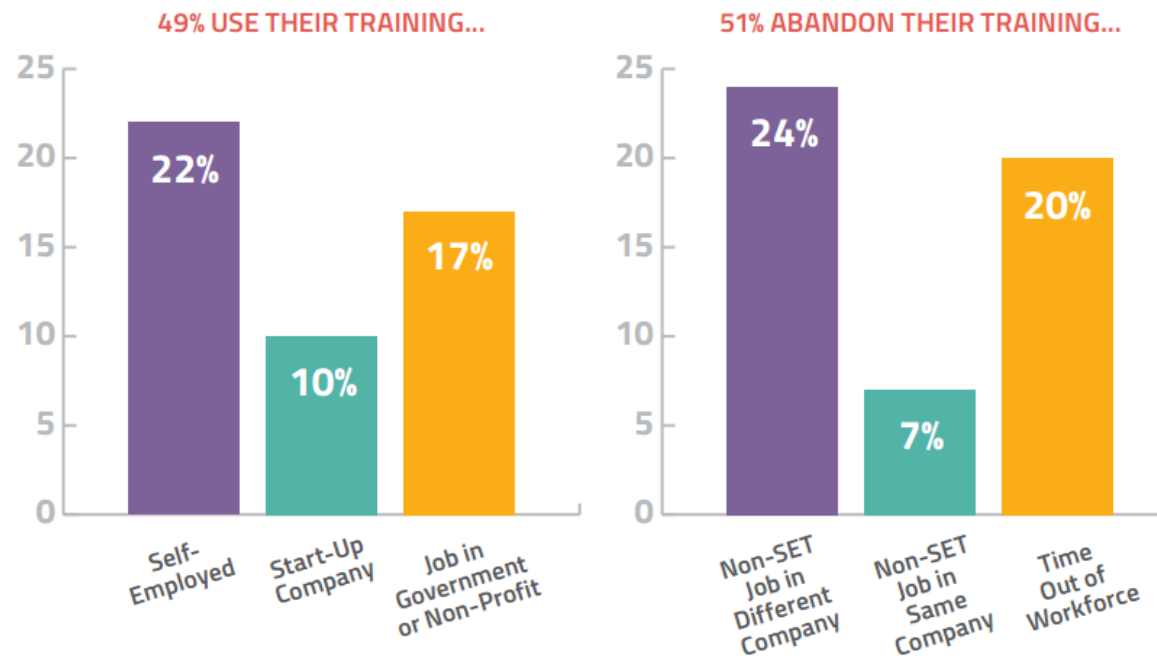


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- Where do we go?<sup>4</sup>

FIG. 1.7 // Women Who Leave the Private SET Workforce—Where Do They Go?

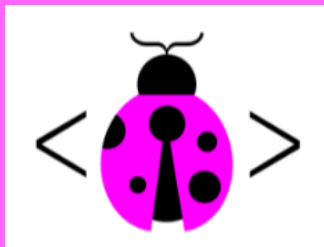




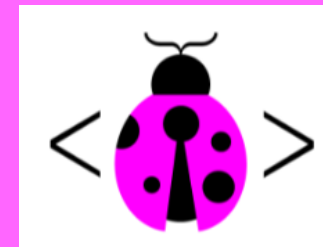
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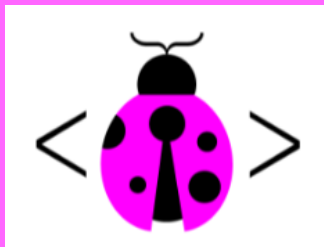
- How do we address these problems?
  - Encourage and support technical women, especially software engineers
  - Focus on retention more than recruitment
  - Hold technical talks, workshops, hack sessions, career panels, technical interview panels, mentoring, et cetera
  - Collaborate with University of Wisconsin-Madison and Madison College
  - Collaborate with local companies and businesses



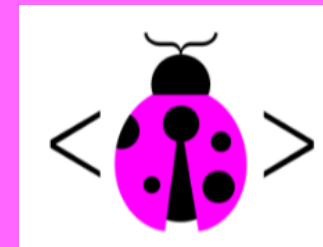
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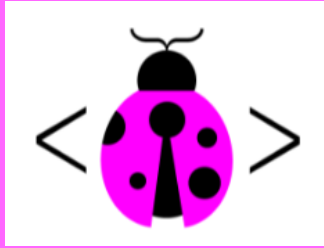
- Past events:
  - Becoming a full stack java developer, May 2017
  - Career Panel, April 2017
  - CodePen Day: HTML, CSS, JavaScript, March 2017
  - How to Make Your Website Not Ugly, February 2017
  - Predictive Analytics with Big Data, January 2017
  - Hands-on Power Query Workshop, November 2016
  - Intro to Power Query, October 2016



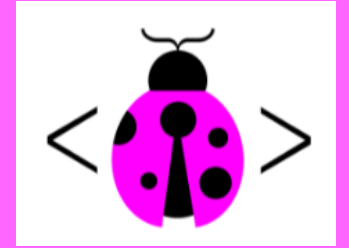
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- Upcoming events:
  - Dev/Ops June 22, 2017 (Tracey)
  - How a Website Works (Shoba), July or August 2017
  - Agile/Scrum ... or ... Git and source control basics, fall 2017 (Annette)



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- What do we need?
  - Attendees of our events
  - Technical speakers
  - Sponsors
- Spread the word
  - [Codecinella.org](http://Codecinella.org)
  - [twitter.com/codecinella](https://twitter.com/codecinella)
  - [www.facebook.com/groups/535584243297005](https://www.facebook.com/groups/535584243297005)
  - [meetup.com/codecinella-madison](https://meetup.com/codecinella-madison)
  - [eventbrite.com/o/codecinella-11510486311](https://eventbrite.com/o/codecinella-11510486311)



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- Sponsorship opportunities (tax-deductible):

- Corporate sponsorships available
- Paypal donations
  - [codecinella.org](http://codecinella.org)
  - <http://www.community-stewardship.org/>

- Mail check to:

***\*\* be sure to put 'Codecinella' in the check memo or we will not receive the funds \*\****

The Center for Community Stewardship (C4CS)

Attn: Lisa Dugdale, Program Assistant

354 W. Main St. Suite 122

Madison, WI 53703



# Codecinella Technical Talk

- Collaborating with:



MADISON COLLEGE *Center for*  
ENTREPRENEURSHIP

**Madison Women in Tech**

<https://www.meetup.com/Madison-Women-in-Tech/>

<https://madisoncollege.edu/center-for-entrepreneurship>

<http://www.community-stewardship.org/>



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Codecinella

Lady Bug Fixers

About

Blog

Support

Resources

## LATEST POSTS

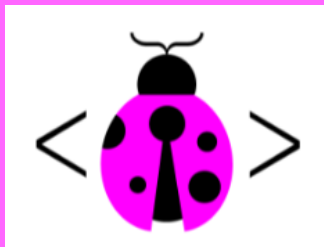


### Using CodePen to Learn, Prototype and Inspire the Front End

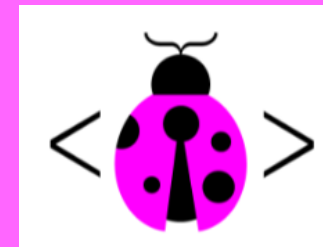
Posted on March 30, 2017

Front end development has gotten more and more complicated. New frameworks, new specs, CSS animation, new design techniques — how is a developer to keep up? Luckily, tools like [CodePen](#) are around to help us experiment, learn and get inspired to build new stuff.

<http://codecinella.org/blog/>



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Footnotes and resources:



1. <https://www.ncwit.org/blog/did-you-know-demographics-technical-women>
2. [https://www.ncwit.org/sites/default/files/resources/btn\\_03092016\\_web.pdf](https://www.ncwit.org/sites/default/files/resources/btn_03092016_web.pdf)
3. <https://www.ncwit.org/blog/did-you-know-demographics-technical-women>
4. [https://www.ncwit.org/sites/default/files/resources/womenintech\\_facts\\_fullreport\\_05132016.pdf](https://www.ncwit.org/sites/default/files/resources/womenintech_facts_fullreport_05132016.pdf)