A Spotter’s Guide to
Python in Portland

(in no way an official PyCon publication)
PyDX

More Python conference-y goodness here in Portland:
October 1 & 2, 2016

Early bird tickets currently on sale!
Get ’em at PyDX.org!
Buy now and get $50 off!

On-going CFP: Submit your talk by July 31
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Python(s) in Portland

Portland Python User Group: With both monthly presentation nights and monthly project nights, the Portland Python User Group is the mainstay of the local Python scene. meetup.com/pdxpython

PyLadies PDX: The local PyLadies group combines coding and brunch at the PyLadies PDX Code and Learn every week. PyLadies PDX also holds monthly workshops and career mentoring nights. meetup.com/pyladies-pdx

DjangoGirls PDX: DjangoGirls PDX host workshops introducing beginners to building websites with Django. djangogirls.org/portland

Monday Python Flying Circus: Local code school PDX Code Guild holds peer mentoring nights for Python programmers every Monday night. meetup.com/portland-programmer-network

The Oregon Zoo: Among the many other snakes that call the Oregon Zoo home are a ball python (Python regius), an African rock python (Python sebae), and a Burmese python (Python molurus bivittatus). oregonzoo.org

Looking for the Portland Pythons? From 1997 to 1999, Portland, Oregon was home to an indoor soccer team by that name. Now we have the Portland Timbers and the Portland Thorns. Though their names aren’t as cool, they are much better soccer teams.
June 21 to June 24
Portland, Oregon

USE
osblovespython
FOR 10% OFF

Don’t miss our crowdfunding campaign at
tinyurl.com/FundBridge
Extra-Curriculars

**Monday**  
*May 30*  
**Combined Python User Groups & Startup Row Happy Hour**  
6:30 to 8:30 AM  
Simple, 1615 SE 3rd Avenue Suite 200  
RSVP on Eventbrite

**Tuesday**  
*May 31*  
**PyLadies and Asana Present:**  
*A Portland-Style PyCon Breakfast*  
8 to 9:30 AM  
Huber’s Cafe, 411 SW 3rd Avenue  
RSVP on Eventbrite  

**PyLadies Auction**  
6:30 to 8:30 PM  
Oregon Convention Center, F149-F152  
Cover charge at the door  

**New Relic PyCon Afterparty**  
7 to 10 PM  
New Relic, 111 SW 5th Avenue, Floor 29  
RSVP on Eventbrite

**Wednesday**  
*June 1*  
**PyLadies PDX Career Panel**  
6 to 8 PM  
Simple, 1615 SE 3rd Avenue, Suite 200  
RSVP on Meetup.com

**Friday**  
*June 3*  
**IndieWeb Summit 2016**  
Vadio, 919 SW Taylor Street, Suite 300  
RSVP on 2016.indieweb.org
Why Can’t Learning Be Fun?

So much information about technology is confusing, complicated, boring, or obscure. My first encounters with the technology industry taught me:

• Programming is not for girls
• It’s especially not for girls who act like girls
• You have to be extremely smart (actual quote: “Only a few people are smart enough to be real programmers”)
• The best way to show how smart you are is by making other people feel like they aren’t
• It’s best to pretend you’re not a girl and that you’re smarter than everyone else

It turns out, I couldn’t do it! I’ve been in and out of the tech industry more than once, as a result. I don’t learn well and I don’t work well in an environment that tells me I don’t belong. But finally, I came to realize that there were also things that told me otherwise, and those were what helped me learn the technical skills I was eager to use.

These were things like programming books narrated by cartoon foxes, friendly people at user groups who didn’t talk down to me, and workshops on Twitter bots that tell bad jokes. Fun takes the pressure off and gives us space to be ourselves. It’s how we remember it’s okay to make mistakes, ask questions, and not know the right answer on the first try.

Last year I started The Recompiler because I wanted to bring that sense of fun and welcoming to as many people as I could. I call it a “feminist hacker magazine” because it’s about learning to take things apart and rebuild them even better, but in a way that includes all of us. We’ve published articles on how to write arcade games, why SSL is really complicated, and how to teach someone to use git for the first time.

The Recompiler grew out of the same community-first approach that I love about programming in Python: build the community first and then the code. I’m excited PyCon is here in Portland this year, where The Recompiler is based. If you see me around, say “hi” — I have awesome kitten stickers to share!
The Portland Conference Calendar (through Fall 2016)

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event Name / URL</th>
<th>Description</th>
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<tbody>
<tr>
<td>June 21 to June 24</td>
<td>Open Source Bridge / opensourcebridge.org</td>
<td>A conference focused on building open source community and citizenship</td>
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<tr>
<td>June 27 to June 29</td>
<td>Monitorama / monitorama.com</td>
<td>An open source monitoring conference and hackathon</td>
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<tr>
<td>July 28 to July 29</td>
<td>SRCCON / srccon.org</td>
<td>Two amazing days building better newsroom code, culture, and process</td>
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<td>August 9 to August 10</td>
<td>DevOpsDays Portland / devopsdays.org/events/2016-portland</td>
<td>The conference that brings development and operations together</td>
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<tr>
<td>September 27 to September 29</td>
<td>AutomaCon / automacon.io</td>
<td>The infrastructure as code conference</td>
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<td>October 1</td>
<td>Alterconf / alterconf.com/conferences/portland-or-2016</td>
<td>A traveling conference series that provides safe opportunities for marginalized people and those who support them in the tech and gaming industries</td>
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<tr>
<td>October 1 to October 2</td>
<td>PyDX / pydx.org</td>
<td>A Pythonically specific space focusing on ideas, projects, and best practices in need of more attention</td>
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<tr>
<td>October 7 to October 8</td>
<td>Affect Conf / affectconf.com</td>
<td>A community event about the work and design behind social change</td>
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The lure of asynchronous programming is that it will make your application run faster and your code simpler to reason about. Other activity in an asynchronous app affects response time and task completion, differently than it does in a synchronous one.

To understand our app’s performance, we want to look at more metrics, including:

- **Duration**: Wall clock time from the very start to the very end on any work associated with a task
- **Wait time**: Time that a task is blocked by work not associated with that task.
- **Total self time**: Sum of all time spent executing on a task.
- **Response time**: Wall clock time from the start to when a response is sent to the request that started the task.

In order to get these measurements, you will need to be able to connect the asynchronous pieces of your task together. Then you can use this data to evaluate and mitigate bad performance.
<table>
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<tr>
<th><strong>A Very Portland Glossary</strong></th>
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<tr>
<td><strong>Big Pink</strong></td>
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<td><strong>Blue Star</strong></td>
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<td><strong>Brunch</strong></td>
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<td><strong>Pearl</strong></td>
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<td><strong>TriMet</strong></td>
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<td><strong>Voodoo Donuts</strong></td>
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And don’t be surprised that there are more than one Powell’s Books in the city. You want the one on Burnside.
Available only until June 9!

$23

teespring.com/
pythonisforlovers