

start: 09:00

end: 09:15

Len: 0:15:0

id: 149

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Saturday Welcome

Dave Forgac

Saturday Welcome

Dave Forgac

start: **09:15** end: **10:00**

Len: 0:45:0

id: 148

set page 2 of 58

Changing Lives through Open Source, Passion and Mentoring

Kattni Rembor

Changing Lives through Open Source, Passion and Mentoring

Kattni Rembor

start: **10:30** end: **11:00**

Len: 0:30:0

id: 148

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Becoming a Better Curator of Your Code

Ian Zelikman

Becoming a Better Curator of Your Code

Ian Zelikman

start: **11:15** end: **11:45**

Len: 0:30:0

id: 148

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Lessons from Zero-Defect Software

Jason R. Coombs

Lessons from Zero-Defect Software

Jason R. Coombs

start: **12:00**

end: **12:30**

Len: 0:30:0

id: 148

set page 5 of 58

Explicit is Better than Implicit: Making Culture Visible with Team Charters

Christopher T. Miller

Explicit is Better than Implicit: Making Culture Visible with Team Charters

Christopher T. Miller

start: **14:00**

end: **14:45**

Len: 0:45:0

id: 148

set page 6 of 58

Scraping Your Way to a Dataset

Alex Zharichenko

Scraping Your Way to a Dataset

Alex Zharichenko

start: **15:00**

end: **15:30**

Len: 0:30:0

id: 148

set page 7 of 58

If Statements are a Code Smell

Aly Sivji

If Statements are a Code Smell

Aly Sivji

start: **15:45**

end: **16:15**

Len: 0:30:0

id: 148

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The Blameless Post Mortem: How Embracing Failure Makes Us Better

Chris Wilcox

The Blameless Post Mortem: How Embracing Failure Makes Us Better

Chris Wilcox

start: **16:30**

end: **17:00**

Len: 0:30:0

id: 148

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Your Own Personal Bootcamp: How to Efficiently Learn Your Next Technology

Joe Erickson

Your Own Personal Bootcamp: How to Efficiently Learn Your Next Technology

Joe Erickson

start: **17:15**

end: **18:30**

Len: 0:75:0

id: 149

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Saturday Lightning Talks

Dave Forgac

Saturday Lightning Talks

Dave Forgac

start: **10:30** end: **11:00**

Len: 0:30:0

id: 148

set page 11 of 58

Demystifying Machine Learning

Nikola Novakovic

Demystifying Machine Learning

Nikola Novakovic

start: 11:15

end: 11:45

Len: 0:30:0

id: 148

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Adopt-a-pytest

Dane Hillard

Adopt-a-pytest

Dane Hillard

start: **12:00**

end: **12:30**

Len: 0:30:0

id: 148

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How to Write Pytest Plugins

Darlene Wong

How to Write Pytest Plugins

Darlene Wong

start: **14:00** end: **14:45**

Len: 0:45:0

id: 148

set page 14 of 58

A Gentle Introduction to Linear Programming in Python

Bethany Poulin

A Gentle Introduction to Linear Programming in Python

Bethany Poulin

start: **15:00**

end: **15:30**

Len: 0:30:0

id: 148

set page 15 of 58

Docker-Composing Your Way to a Better Development Environment

Ricardo Solano

Docker-Composing Your Way to a Better Development Environment

Ricardo Solano

start: **15:45**

end: **16:15**

Len: 0:30:0

id: 148

set page 16 of 58

Building Docs like Code: Continuous Integration for Documentation

Mason Egger

Building Docs like Code: Continuous Integration for Documentation

Mason Egger

start: **16:30**

end: **17:00**

Len: 0:30:0

id: 148

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TODO: Add Comments: 5 Tips for `_Winning_` at Code Comments

Nik Kantar

TODO: Add Comments: 5 Tips for `_Winning_` at Code Comments

Nik Kantar

start: **10:30**

end: **11:00**

Len: 0:30:0

id: 148

set page 18 of 58

Big Data with Small Computers: Building a Hadoop Cluster with Raspberry Pis

Alexandria Kalika

Big Data with Small Computers: Building a Hadoop Cluster with Raspberry Pis

Alexandria Kalika

start: **11:15**

end: **11:45**

Len: 0:30:0

id: 148

set page 19 of 58

Feature Engineering: An Apprentice's Guide to the "Dark Art" of Machine Learning

Deborah Diller Harris

Feature Engineering: An Apprentice's Guide to the "Dark Art" of Machine Learn

Deborah Diller Harris

start: **12:00**

end: **12:30**

Len: 0:30:0

id: 148

set page 20 of 58

Using Dash to Create Interactive Web Apps for Non-Technical Audiences

Joseph Willi

Using Dash to Create Interactive Web Apps for Non-Technical Audiences

Joseph Willi

start: **14:00**

end: **14:45**

Len: 0:45:0

id: 148

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Python Improvements (or This Is Not Your Teacher's Python)

Travis Risner

Python Improvements (or This Is Not Your Teacher's Python)

Travis Risner

start: **15:00**

end: **15:30**

Len: 0:30:0

id: 148

set page 22 of 58

The Magic of Python

Darshan Markandaiah

The Magic of Python

Darshan Markandaiah

start: **15:45**

end: **16:15**

Len: 0:30:0

id: 148

set page 23 of 58

The Value of Docstrings

Eric Appelt

The Value of Docstrings

Eric Appelt

start: **16:30** end: **17:00**

Len: 0:30:0

id: 148

set page 24 of 58

Sipping the Nectar of Amazon from the Serverless Chalice

Ilya Gotfryd

Sipping the Nectar of Amazon from the Serverless Chalice

Ilya Gotfryd

start: **10:30**

end: **11:00**

Len: 0:30:0

id: 148

set page 25 of 58

“Who’d I Lend That Book To?” Hard Questions Answered with Python

Daniel Lindeman

“Who’d I Lend That Book To?” Hard Questions Answered with Python

Daniel Lindeman

start: **11:15**

end: **11:45**

Len: 0:30:0

id: 148

set page 26 of 58

Distributed Deep Neural Network Training using MPI on Python

Arpan Jain, Kawthar Shafie Khorassani

Distributed Deep Neural Network Training using MPI on Python

Arpan Jain, Kawthar Shafie Khorassani

start: **12:00**

end: **12:30**

Len: 0:30:0

id: 148

set page 27 of 58

A Brief History of Fire Brigades

Jon Banafato

A Brief History of Fire Brigades

Jon Banafato

start: **14:00**

end: **14:45**

Len: 0:45:0

id: 148

set page 28 of 58

A Hands-On Guide to Building Interactive Command-Line Apps with cmd2

Todd Leonhardt, Kevin Van Brunt

A Hands-On Guide to Building Interactive Command-Line Apps with cmd2

Todd Leonhardt, Kevin Van Brunt

start: **15:00**

end: **15:30**

Len: 0:30:0

id: 148

set page 29 of 58

Django in Production with PEX

Alexandru Barbur

Django in Production with PEX

Alexandru Barbur

start: **15:45**

end: **16:15**

Len: 0:30:0

id: 148

set page 30 of 58

Find Your Feature Fit: How to Pick a Text Editor for Python Programming

Gregory M. Kapfhammer, Madelyn M. Kapfhammer

Find Your Feature Fit: How to Pick a Text Editor for Python Programming

Gregory M. Kapfhammer, Madelyn M. Kapfhammer

start: **16:30** end: **17:00**

Len: 0:30:0

id: 148

set page 31 of 58

Using Python & R in Harmony

Matthew Brower, Krista Readout

Using Python & R in Harmony

Matthew Brower, Krista Readout

start: 10:30

end: 12:30

Len: 0:120:0

id: 148

set page 32 of 58

Enough Python to Fake It

Catherine Devlin

Enough Python to Fake It

Catherine Devlin

start: **15:00** end: **17:00**

Len: 0:120:0

id: 148

set page 33 of 58

Hands-On Web UI Testing

Andrew Knight

Hands-On Web UI Testing

Andrew Knight

start: 11:30

end: 11:40

Len: 0:10:0

id: 149

set page 34 of 58

Sunday Welcome

Dave Forgac

Sunday Welcome

Dave Forgac

start: **11:40**

end: **12:30**

Len: 0:50:0

id: 148

set page 35 of 58

The Gig is Up: Radical Shifts That Save Cultures, Teams, and Companies

Greg Svoboda

The Gig is Up: Radical Shifts That Save Cultures, Teams, and Companies

Greg Svoboda

start: **12:45**

end: **13:15**

Len: 0:30:0

id: 148

set page 36 of 58

Surviving Without Python

Andrew Knight

Surviving Without Python

Andrew Knight

start: 13:45

end: 14:15

Len: 0:30:0

id: 148

set page 37 of 58

The Mediocre Programmer

Craig Maloney

The Mediocre Programmer

Craig Maloney

start: 14:30

end: 15:00

Len: 0:30:0

id: 148

set page 38 of 58

Keeping Fun in Computing

Dustin Ingram

Keeping Fun in Computing

Dustin Ingram

start: **15:15**

end: **16:00**

Len: 0:45:0

id: 148

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Deep Learning Like a Viking: Building Convolutional Neural Networks with Keras

Guy Royse

Deep Learning Like a Viking: Building Convolutional Neural Networks with Keras

Guy Royse

start: **16:15**

end: **16:45**

Len: 0:30:0

id: 148

set page 40 of 58

Refactor Yourself

Esther B. Gotfryd, MSN, NP-C

Refactor Yourself

Esther B. Gotfryd, MSN, NP-C

start: **17:00**

end: **18:00**

Len: 0:60:0

id: 149

set page 41 of 58

Sunday Lightning Talks

Dave Forgac

Sunday Lightning Talks

Dave Forgac

start: **12:45** end: **13:15**

Len: 0:30:0

id: 148

set page 42 of 58

gRPC and What, Why, How?

John Roach

gRPC and What, Why, How?

John Roach

start: **13:45** end: **14:15**

Len: 0:30:0

id: 148

set page 43 of 58

What's the Buzz with Machine Learning

Allison Bolen

What's the Buzz with Machine Learning

Allison Bolen

start: **14:30**

end: **15:00**

Len: 0:30:0

id: 148

set page 44 of 58

Learn How Computers Work Between Silicon and Assembly: Build a CPU with Python

Zak Kohler

Learn How Computers Work Between Silicon and Assembly: Build a CPU with

Zak Kohler

start: **15:15** end: **16:00**

Len: 0:45:0

id: 148

set page 45 of 58

Search Logs + Machine Learning = Auto-Tagged Inventory

John Berryman

Search Logs + Machine Learning = Auto-Tagged Inventory

John Berryman

start: **16:15** end: **16:45**

Len: 0:30:0

id: 148

set page 46 of 58

Dynamic Data Pipelining with Luigi

Trey Hakanson

Dynamic Data Pipelining with Luigi

Trey Hakanson

start: **12:45** end: **13:15**

Len: 0:30:0

id: 148

set page 47 of 58

Quickly Build Your Own Personal Website with Python

Vince Salvino

Quickly Build Your Own Personal Website with Python

Vince Salvino

start: **13:45**

end: **14:15**

Len: 0:30:0

id: 148

set page 48 of 58

I Lost 25 Pounds Thanks to Python: Personal Data Analytics Using Pandas and Numpy

Jack Bennett

I Lost 25 Pounds Thanks to Python: Personal Data Analytics Using Pandas an

Jack Bennett

start: **14:30** end: **15:00**

Len: 0:30:0

id: 148

set page 49 of 58

Automated Discovery of Cancer Types from Genes

Shruthi Ravichandran

Automated Discovery of Cancer Types from Genes

Shruthi Ravichandran

start: **15:15** end: **16:00**

Len: 0:45:0

id: 148

set page 50 of 58

Gathering Insights from Audio Data

Ryan Bales

Gathering Insights from Audio Data

Ryan Bales

start: **16:15**

end: **16:45**

Len: 0:30:0

id: 148

set page 51 of 58

Is This Your Card? Computer Vision for Playing Card Recognition

Steve Crow

Is This Your Card? Computer Vision for Playing Card Recognition

Steve Crow

start: **12:45** end: **13:15**

Len: 0:30:0

id: 148

set page 52 of 58

Leave Your Inhibitions at the Database Connection

Regina Compton

Leave Your Inhibitions at the Database Connection

Regina Compton

Veyepar: TalkSigns.rfxml

start: **13:45**

end: **14:15**

Len: 0:30:0

id: 148

set page 53 of 58

The Riddle of the Intersphinx: Configuration and Cross-Reference Composition

Brian Skinn

The Riddle of the Intersphinx: Configuration and Cross-Reference Compositor

Brian Skinn

start: **14:30** end: **15:00**

Len: 0:30:0

id: 148

set page 54 of 58

A Practical Introduction to Integer Linear Programming

Igor Ferst

A Practical Introduction to Integer Linear Programming

Igor Ferst

start: **15:15**

end: **16:00**

Len: 0:45:0

id: 148

set page 55 of 58

Let's Build an ORM

Greg Back

Let's Build an ORM

Greg Back

start: **16:15** end: **16:45**

Len: 0:30:0

id: 148

set page 56 of 58

A/V Streaming Workflow in Python

Shishir Pokharel

A/V Streaming Workflow in Python

Shishir Pokharel

start: **13:15** end: **15:15**

Len: 0:120:0

id: 148

set page 57 of 58

Probabilistic Programming and Bayesian Inference in Python

Lara Kattan

Probabilistic Programming and Bayesian Inference in Python

Lara Kattan

start: **15:15**

end: **17:15**

Len: 0:120:0

id: 148

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Making Games with ppb

Piper Thunstrom

Making Games with ppb

Piper Thunstrom