



Lía Corrales

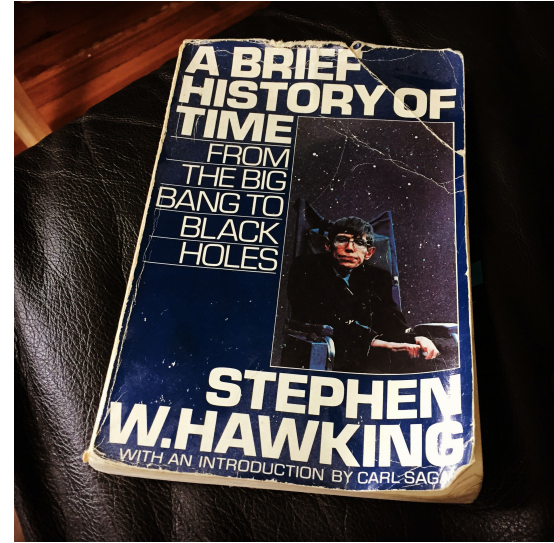
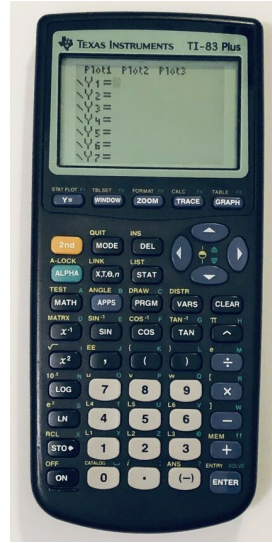


Mariana Meireles

James Chibueze



A brief history of me...



A love of the natural world and math drew me to Physics and Astronomy as a student ...

... my love of computer programming and technology led me to a career in Astronomy Research.

I was an eager adopter of Python

2007 - 2014: Developed a modular approach to characterizing interstellar dust and calculating its extinction properties with github.com/eblur/dust

2007 - 2014: Attended SciCoder workshop (where I learned Python), *Python in Astronomy* conferences and Astro Hack Days / Weeks – **microaggressions**



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2016 - 2020: Frustrated with standard high energy astro software, I wrote my own Python library to handle high resolution spectra, github.com/eblur/pyxis

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2014 - 2018: **Continuous frustration** with being neglected from conversations about Astropy developments in my field, open pull requests, etc...

Tutorials

Tutorials are step-by-step cookbooks for common activities that incorporate several packages. They are more specific and less conceptual than Guides but more extended than Examples.

Documentation

Documentation is the complete description of a package with all requisite details, including usage, dependencies, and examples.

Examples

Examples are stand-alone code snippets that live in the astropy documentation that demonstrate a specific functionality within a package.

Learn Astropy

Astropy is a Python library for use in astronomy. Learn Astropy provides a portal to all of the Astropy educational material through a single dynamically searchable web page. It allows you to filter tutorials by keywords, search for filters, and make search queries in tutorials and documentation simultaneously.

Installing Astropy

The [Anaconda Python Distribution](#) includes Astropy and is the recommended way to install both Python and the Astropy package. Once you have Anaconda installed, use the following to update to the latest version of Astropy:

```
conda update astropy
```

To install Astropy from the source into an existing Python installation, see the more detailed [installation instructions](#) in the main Astropy documentation.

Get help

If you have any questions regarding using Astropy there are numerous channels for communication. Post to any one of [several forums](#) to get help from our active, helpful, and friendly community of users and developers.

Major contributions to my career today

Advocates



Kelle Cruz
Professor at Hunter College,
Astropy Coordination
Committee

Peer Mentoring



Catherine Espallat,
Professor at Boston University,
Created the LUMA
peer-mentoring network for
WoC in astronomy

*Note, they both kind
of look like me.*



How we will approach this program

- **Slack** – how are things going? Encountering a small problem with your code? Looking for a tool? Need help with jargon? Walking through a pull request?
- **Meet amongst yourselves** every 1-2 weeks. Zoom, WhatsApp, Skype, Google, Whereby ... it's up to you! Talk about anything (code, research, career) and offer support to others in your group.
- **Peer-led webinars** – share your work with us! Are you learning a new language or code tool? What is your latest accomplishment? To sign up, talk to one of your mentors or email woc.code@gmail.com

Examples of past activities: github.com/eblur/mki-code/wiki



But also, it's up to you!

Feel free to add Slack channels based on specific interests.


We are open to suggestions for activities you would like to do or lead. We will let things grow organically. Thank you in advance for your patience.

My metric for success: YOU meet interesting like-minded people, form connections, and find support to help YOU get to the next stage of your career ... wherever that may be!

Questions / Comments / etc?



Break out group questions

- Name, where you grew up, where you are now in your career
 - What inspires or motivates you to code?
 - What is one thing you are working on learning?
 - Name something you are proud of doing in the recent past, or something you are looking forward to doing in the near future
 - When we come back together, be ready to introduce someone else in your group
- 

Live demo:
fork, clone, branch, and
open a pull request on
Github

