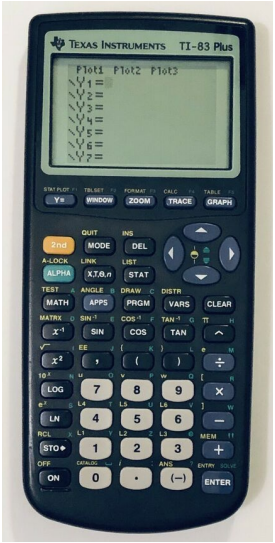
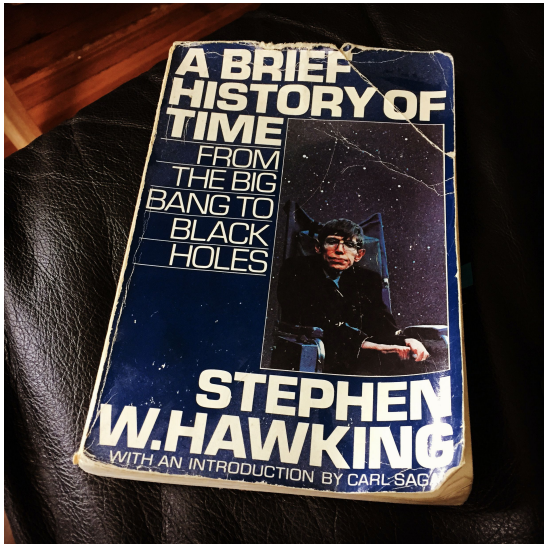
Lía Corrales

James Chibueze

Mariana Meireles

A brief history of me...





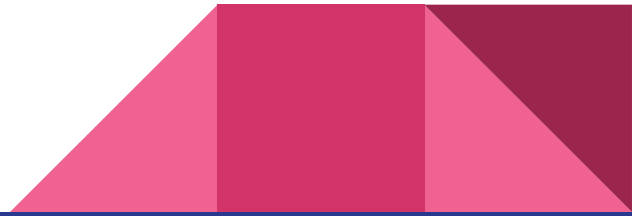
A love of the natural world and math drew me to Physics and Astronomy as a student …

… 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 – **microagressions**



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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/**pyxsis**

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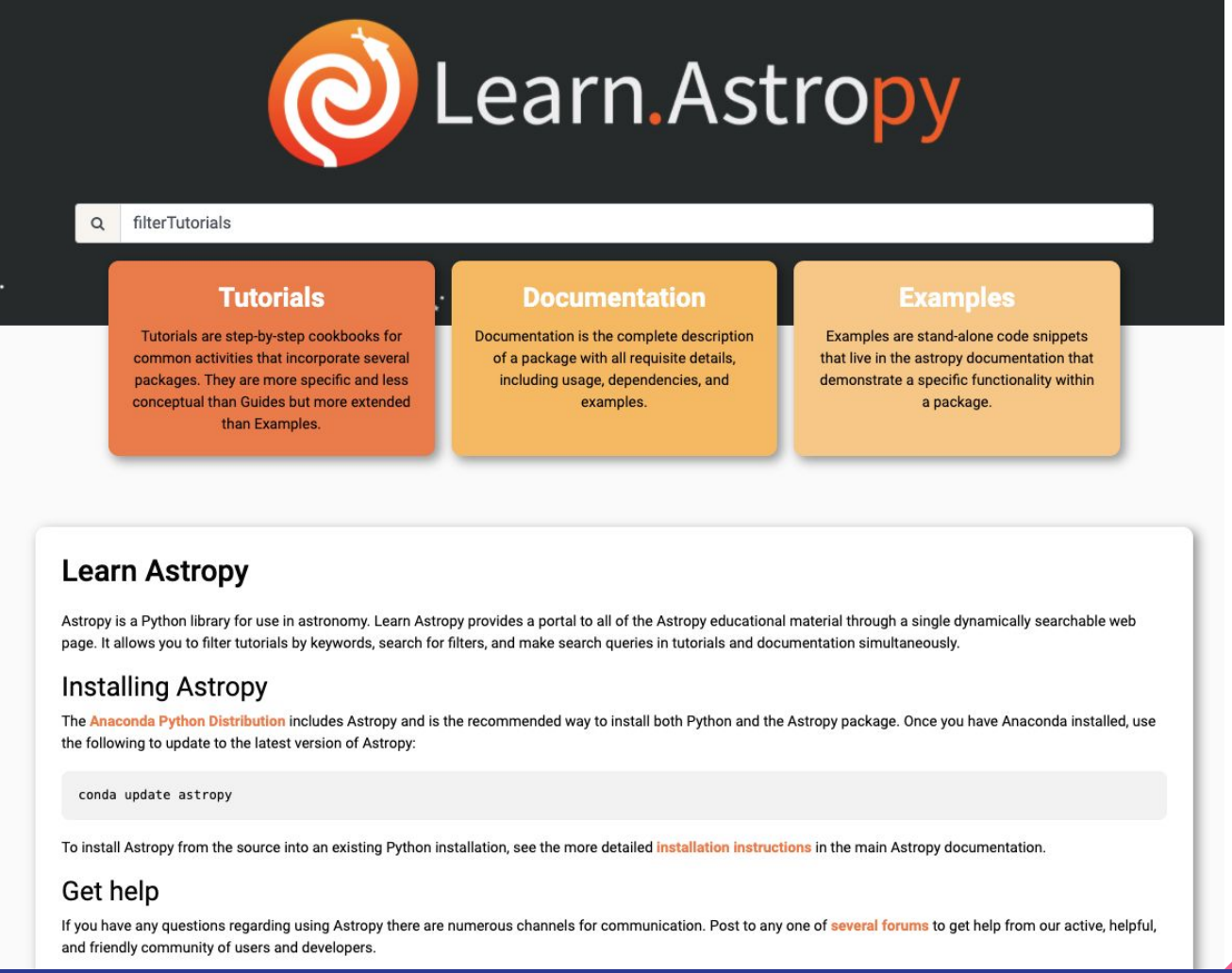
2014 - 2018: **Continuous frustration** with being neglected from conversations about Astropy developments in my field, open pull requests, etc...



learn.astropy.org

Major contributions to my career today

Advocates

Kelle Cruz
Professor at Hunter College,
Astropy Coordination Committee

Peer Mentoring

Catherine Espaillat,
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.

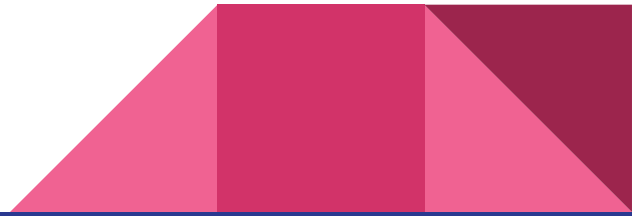
We are open to suggestions for activities you would like to do or lead. We will let things grow organically. Thank you in advance for your patience.

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