

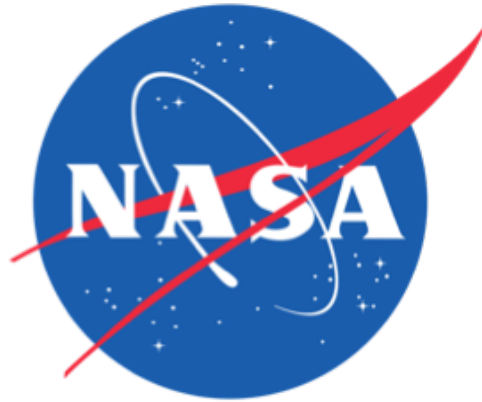
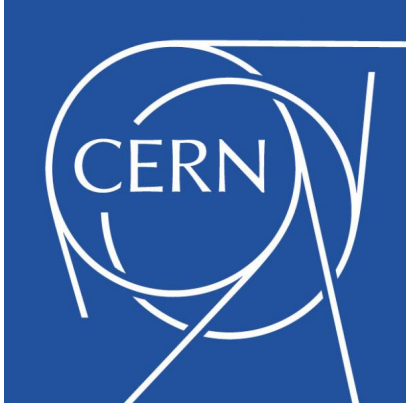
# Setting Up Python on Your Computer

# Who Am I?



- My name is [Adam Cook](#).
- Studied Mechanical Engineering at Purdue University West Lafayette.
- Chief Technical Officer of [Alliedstrand](#) in Chicago (we also have engineers in Dallas).
- Chair of **SME Chapter 112** (Northwest Indiana and Chicagoland). Check out [sme112.org](#).
- I work with embedded systems, robotics, automation systems and industrial software.
- Contact my chapter at [hello@sme112.org](#).

# Who uses Python?



**LOCKHEED MARTIN**



**TESLA**

Runtime	Anaconda Python	<a href="http://bit.ly/2xmmHXu">http://bit.ly/2xmmHXu</a>
Editor	Visual Studio Code	<a href="http://bit.ly/1KvI3PL">http://bit.ly/1KvI3PL</a>
	Sublime Text	<a href="http://bit.ly/1SuiMgd">http://bit.ly/1SuiMgd</a>
	PyCharm	<a href="http://bit.ly/2sRH4XI">http://bit.ly/2sRH4XI</a>
Version Control System	Git for Windows	<a href="http://bit.ly/1cIHx4Y">http://bit.ly/1cIHx4Y</a>
	Git from Homebrew (for MacOS)	See next slide.

**Homebrew is highly recommended.**  
Visit <https://brew.sh/>

```
$ brew install git
```

# Where is the SME Virtual Network?



<http://bit.ly/2DIFGm3>

This is the best place to start!



<https://www.facebook.com/smevirtual/>



<https://www.linkedin.com/company/smevirtual/>

# SME Virtual Network Slack

A screenshot of the Slack desktop application interface for the "SME Virtual Net..." workspace. The left sidebar shows a list of channels including #general, #python, and #virtualcommittee, as well as direct messages. The main window displays the #general channel with a message history. The history includes a message from adamjcook dated August 2nd, 2017, about a Python webinar, and a message from adamjcook dated Tuesday, January 9th, announcing the SME Virtual Community and providing a YouTube link. The interface includes a search bar, a message input field at the bottom, and various icons for channel actions and user avatars.

**SME Virtual Net...**

Jump to...

All Threads

Channels

- # general
- # python
- # virtualcommittee

Direct Messages

- slackbot
- adamjcook (you)
- bendeboer
- c4man
- chas
- jasonmcclure
- longevity-industries
- melissadochter
- mmikhail
- mprice
- southsideron

Apps

+ Add Apps

**#general**

Public discussion for virtual chapter

August 2nd, 2017

adamjcook 10:09 AM

Just a reminder everyone....for today's Python webinar, we will be over in the [#python](#) channel. This channel will remain open after the webinar concludes for questions/feedback.

curtwanderson 12:11 PM

joined #general along with 5 others.

Tuesday, January 9th

adamjcook 7:18 PM

@everyone Hey everyone! Sorry we have been so quiet these past couple of months - we have been busy launching the SME Virtual Community based on what we started last summer and we already have several virtual events planned for 2018. Subscribe to our YouTube channel and take a look at the events we have planned here:

[https://www.youtube.com/channel/UC7DNeDhrD2a5Ptyo9Rm\\_mwQ/videos?flow=grid&view=2](https://www.youtube.com/channel/UC7DNeDhrD2a5Ptyo9Rm_mwQ/videos?flow=grid&view=2) (edited)

YouTube

[SME Virtual Community](#)

Welcome to the YouTube channel for the SME Virtual Community! The SME Virtual Community is an online community for SME members, emerging professionals and st...

Yesterday

adamjcook 9:40 AM

@everyone Want to learn more about how AI will impact manufacturing? Join us for the first presentation of many this year as we explore this technology. As we do more presentations, the discussion will become more advanced as we work to actually apply AI. Tune in here on Feb. 13th at 11:00 am CST: <https://www.youtube.com/watch?v=orrVqOnFqds>

How do I see get these slides (and everything else)?



# GitHub

<http://bit.ly/2G2Quq7>



C#	Motion controls, PAC programming and robotics
C++/C	Embedded systems programming
Go	High-throughput industrial applications
Java/Kotlin/Swift	Industrial mobile applications for iOS and Android

**Thank you!**



**Want to learn more about**  **?**

Check out [sme.org](https://sme.org)

**Questions?**

**Ask in the Live Chat or check the  
feedback link in the description!**