

Hello CERN



Tim Head

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About me

Tim was ...



handling unforeseen &
unsolved challenges
every day.

Tim is ...



Wild Tree Tech

handling unforeseen &
unsolved challenges
every day.

Tim does ...

scalable data tools and teams:

- Science brain in a box
- Everywhere in the world
- open-source

Tim does ...

Day to day:

- C++ and python for genomics
<https://github.com/dib-lab/khmer>
- Image classification for a UN organisation
- Open-source contributions
<https://scikit-optimize.github.io>
<https://twitter.com/Sentinel2Bot>

About you

You are the 1%

- PhDs in science(!) are rare and valuable
- You have quant and data science skills
- Critical thinking

This stuff is rare!

What do you want?

Think about what you want from your life, how do you get there and what paths are available?

What do you want?

Academia may seem like the well beaten path and is often represented as such by those ON the path, but the numbers are dismal. [citation needed]

Be honest

Your goals won't all be compatible. You might not want to do what it takes. Find people who share your goals. Be honest to yourself.

My advice

Skill up!

Like a pianist, you have to practice those skills.

- Python, R, c++
- Git and github
- Statistics and machine-learning
- Public speaking
- Explaining

Open-source

Great way to practice your skills

- Not as hard as it looks
- Free mentorship from world experts
- Networking without the weird bits

Mostly not about writing code!

Be a builder

Build something from start to finish, like:

- cinema recommendation
- removing glasses from people's faces
- search my email with an email

Remember

- Start now
- Ask for help
- You are special (but be humble)

Remember

- Start now
- Ask for help (Titus Brown, Sebastian Neubert, Kevin Dungs, Alex Shires, Christophe Cauet)
- You are special (but be humble)

Get in touch

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