

# CAESAR PEPIJN DE KEIJZER

USYD M.Sc. Student, AI Engineer, Dutchie

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https://github.com/PCaesar18



## EXPERIENCE

### AI Engineer

#### Valearnis

March 2023 – Ongoing Sydney, Remote

- Developed a new AI tutor feature using the OpenAI API, LangChain, Redis and TypeScript
- Developed an internal fine-tuned image generation tool to help the designers create custom designs and images using AWS and Stable Diffusion
- Responsible for on-boarding and assessing new developers

### Co-founder/employee

#### DBugIT

2021 – December 2023 Amsterdam

- Successfully guided DBugIT through the ACE Incubator program
- Responsible for grant applications, commercialization, customer relations and business development

### Teaching Assistant

#### Vrije Universiteit Amsterdam

2018 – 2021 Amsterdam

Aided students and teachers for the courses:

- Physical Computing
- Machine Learning
- Pervasive Computing
- Software Testing (Master)

## EDUCATION

### M.Sc. in Data Science & Machine Learning

#### University of Sydney

July 2023 – December 2024

Thesis title: To be dropped

### B.Sc. Exchange Student

#### University of Queensland

Sept 2019 – January 2020

### B.Sc. in Computer Science

#### Vrije Universiteit Amsterdam

Sept 2017 – June 2021

Thesis title: Conditional GAN based data augmentation for automated delineation of the parotid gland in CT scans

## LIFE PHILOSOPHY

*“Attempting to find my life’s Gradient Ascent but it keeps vanishing”*

## MOST PROUD OF

**Nepal Volunteer work**  
Built earthquake-proof houses in Nepal after the 2015 disaster

**Ironman 70.3 Nice**  
Completed (including flat tire) a triathlon in the French summer heat

**(Trad) Climbing**  
Many ups and falls in this rewarding sport

## STRENGTHS

Curious & Creative Adventurous  
Positively Peculiar

C++ Python Git NLP  
aws Open-source LLM Scala  
Pytorch Docker Java

## LANGUAGES

Dutch ● ● ● ● ●

English ● ● ● ● ●

Spanish ● ● ● ● ●

Chinese (300 Duolingo) ● ● ● ● ●

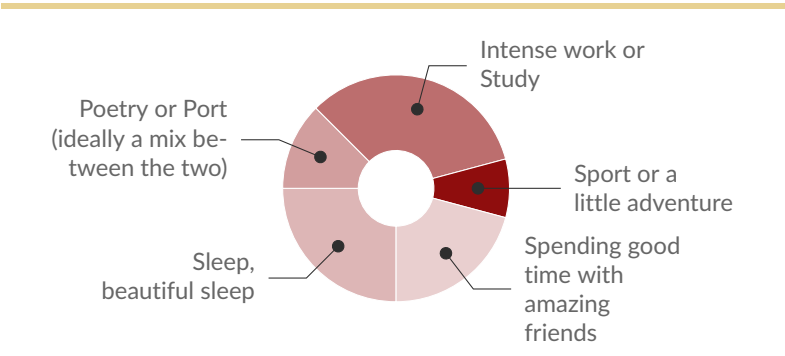
## INTERNSHIPS

AFRY Consult Spain office







Madrid, Spain

Spring 2017

# A DAY OF MY LIFE




# ACHIEVEMENTS & AWARDS

-  Season 0 AI builder at BuildClub, Australia  
2023
-  INCUBATE Pre-Accelerator Program, University of Sydney  
2023
-  Honours Student, Vrije Universiteit Amsterdam  
2018 - 2020
-  Duke of Edinburgh International Award Silver and Gold  
2017
-  The Hague International Model United Nations (THIMUN) Representative  
2016
-  Outstanding Student Award, Dutch Language and Literature  
2016



# SIDE PROJECTS

- Layman (Founder)  
**Incubate Pre-Accelerator/ Build Club**
- AWS Sagemaker, Vercel, Semantic Kernel, RAG, Python, Open-Source LLM finetunes
  - pitched Layman on multiple occasions

- WupsE (Founder)  
**VU Amsterdam/Delft University**
-  2021

Developed the framework, business plan, commercialization and designs for an autonomous self-driving grocery delivery robot uniquely suitable for the Dutch urban landscape

# REFEREES

- Available on Request
-  n/a
  -  n/a