## JOCHEM LANGEN

#### Physics student & representative at Durham University

Durham, United Kingdom in linkedin.com/in/jochem-langen-7b89a619a/

github.com/JochemLangen/JWHL-Phys



#### **EXPERIENCE**

## Research Analyst (Intern)

#### **EnAppSys Ltd**

m Jun 2020 - Aug 2020

**♀** Stockton-on-Tees, UK

- Summer Internship doing economic research; collecting, processing & analysing data on the European Energy market and the intricacies it encompasses.
- The project on renewable energy subsidies includes web- & correspondence based research with Excel data analysis and Latexbased report writing; for use in data modelling and consultancy services.

## Physics student representative: SSCC & BoS Durham University

Mov 2019 - Ongoing

Ourham, UK

- Member of our **Student Staff Consultative Committee** of the Physics Department, Durham University.
- Functioning as a representative for all level 1 Physics Students at my university. Acquiring feedback, coming up with solutions, discussing those with the department and feeding the results back to the student body.
- Function as representative for all formal discussions on examination; meetings with the Head of department on mitigating circumstances to exam feedback sessions with the Board of External Examiners.
- Sole first year physics representative at Durham University on the Physics Board of Studies. The board decides about the running of the department, including teaching activities.

# Stephenson Fresher's representative Stephenson College, Durham University

Apr 2020 - Ongoing

Ourham, UK

- Representative for the first year students at Stephenson College.
- Presenting various (online) open days and webinars throughout 2020 & 2021 as well as organising the induction weeks; being a point of contact for first year students and promoting student participation and endorsing & supporting the college.

## **ABOUT**

"Being an international student in Physics and having been working from the age of 12, I am armed with a strong work ethic, sense of responsibility and independence. I value perfection, efficiency and proactivity."

## **EDUCATION**

### Master of Physics

#### **Durham University, United Kingdom**

Year one:

Introduction to Astronomy	90%
Discovery skills in Physics	76%
Foundations of Physics I	89%
Calculus I	90%
Linear Algebra I	91%

# VWO, Cum Laude Nature & Technology

#### Elzendaalcollege Boxmeer, Netherlands

Physics	10/10
Chemistry	9/10
Mathematics B	10/10
Mathematics D	9/10
Economics	10/10
Computer Science	9/10
CPE English	9/10
French	9/10
Dutch	8/10
Combined: thesis & sociology	8/10

Total combined grade 9/10

# Cambridge Proficiency English Elzendaalcollege Boxmeer, Netherlands

🛗 Aug 2016 - Dec 2019

Score: 214 - Grade B C2-Level

## College Student Representative

### Stephenson College, Durham University

- Mov 2019 Jul 2020
- Ourham, UK
- Member of the Freshers' Council of George Stephenson College, Durham University.
- We discuss all that is going on within college; give feedback on the various aspects it has and brainstorm on possible solutions, decisions to be made and whole new ideas to better the wider student experience.

#### Stevo Lacrosse Treasurer

#### Stephenson College, Durham University

i Jul 2020 − Ongoing

Ourham, UK

• Managing account balances and (depreciated) expenditures as well as contributions for the Stephenson College Lacrosse team.

#### Co-Chair Youth Town Council

## Gemeente Mill en Sint Hubert

m Oct 2011 - Jul 2013

Mill. NL

- The first year as a council member becoming co-chair in the second year.
- Consisting of quarterly meetings and a few representative events where we represented the youth of our respective villages and debated on matters important to us.

# Automotive Engineer DUEM, Durham University

Mov 2019 - Ongoing

Ourham, UK

- Member of the **Durham University Electric Motorspor**t team.
- Our job includes a wide array of activities from 3D-modelling to assembling the next Solar car or repairing/restoring older ones.

#### Waiter, bartender & host

#### 't Raadhuis Wanroij

Aug 2015 - Ongoing

♥ Wanroij, NL

- My whole year part-time and often full-time holiday job.
- Due to our wide array of services provided and the relative small size of the business my role was rather flexible. This could conist of: waitering, bartending, hosting events (parties, funerals etc.), dish washing, cooking (small dishes ie. desserts), running a chipsshop, managing calls and cleaning.
- Having been on the work outings team I organised two day getaways, concert trips and evening outs.

#### Stock Clerk

#### Jan Linders

m Oct 2016 - Mar 2017

Mill, NL

• Re-stocking all the shelves and cleaning the store.

## **EXTRA CERTIFICATES**



#### **Honours Programme**

Extra certificate handed out to excelling few at secondary education for extra-curricular activities:

- Olympiads
- Module at University
- Graduated with an extra course
- CPE B-grade English
- Graduated Cum Laude
- National Maths group competition



#### **National Physics Olympiad**

31st of the Country



#### Radboud University Talentsprogramme

Finished the Computer Science: Processors Module with a 9.5/10



#### **Maths Olympiads**

Reached within 10% of the country



## International Maths Group Competition

Ranked within top 10



#### **Maths Graduation Award**

Distinction for the few scoring a 9.5 or higher on the final exams



#### First Year Module Prize

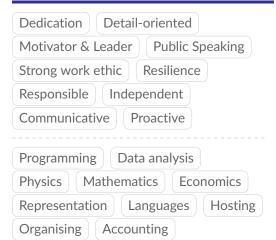
Award for the best score for the Introduction to Astronomy module



#### **Durham Inspired Award**

Personal development scheme, focusing on interpersonal skills with training, coaching, extra-curricular activities and logging & reflection - Ongoing

## **STRENGTHS**



#### Farm Hand

#### Veldboer Bloembollen BV

## Jul 2014 - Aug 2015

- ♥ Wilbertoord, NL
- Job for the summers of 2014 and 2015.
- It consisted of the continuous breaking off of all the bulbs from the flowers in the flower fields.

### **Newspaper Carrier**

#### **Gerritsma Reclame & Verspreiding**

Mill, NL

• Doing variable paper rounds; maintaining the warehouse (cleaning, storing etc.) and packaging the papers.

## **LANGUAGES**

English	••••
Dutch	••••
German	••••
French	••••
Python	••••
C#	•••••
LaTex	••••
Excel	••••