

JOCHEM LANGEN

Physics student & representative at Durham University

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📍 Durham, United Kingdom in linkedin.com/in/jochem-langen-7b89a619a/
📄 github.com/JochemLangen/JWHL-Phys



EXPERIENCE

Research Analyst (Intern)

EnAppSys Ltd

📅 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 Latex-based report writing; for use in data modelling and consultancy services.

Physics student representative: SSCC & BoS

Durham University

📅 Nov 2019 – Ongoing

📍 Durham, 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

📍 Durham, 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

📅 Oct 2019 – Jul 2024 📍 40% to pass

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

📅 Aug 2012 – Jul 2019 📍 5.5 to pass

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

📅 Nov 2019 – Jul 2020

📍 Durham, 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

📅 Jul 2020 – Ongoing

📍 Durham, 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

📅 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

📅 Nov 2019 – Ongoing

📍 Durham, UK

- Member of the **Durham University Electric Motorsport** 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 consist of: waitering, bartending, hosting events (parties, funerals etc.), dish washing, cooking (small dishes ie. desserts), running a chips-shop, managing calls and cleaning.
- Having been on the work outings team I organised two day get-aways, concert trips and evening outs.

Stock Clerk

Jan Linders

📅 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 Talents-programme

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

Dedication

Detail-oriented

Motivator & Leader

Public Speaking

Strong work ethic

Resilience

Responsible

Independent

Communicative

Proactive

Programming

Data analysis

Physics

Mathematics

Economics

Representation

Languages

Hosting

Organising

Accounting

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

Sep 2013 – Dec 2014 Mill, NL

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

LANGUAGES

English	<div><div></div><div></div><div></div><div></div><div></div></div>
Dutch	<div><div></div><div></div><div></div><div></div><div></div></div>
German	<div><div></div><div></div><div></div><div></div><div></div></div>
French	<div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div>
C#	<div><div></div><div></div><div></div><div></div><div></div></div>
LaTeX	<div><div></div><div></div><div></div><div></div><div></div></div>
Excel	<div><div></div><div></div><div></div><div></div><div></div></div>