

# Curriculum Vitae, Cover Letter and Transcript.

David Lawton

13th Jan. 2024

## 1 CV

### 1.1 Personal Details:

Address: 39 Landscape Park, Churchtown, Dublin 14. D14 A304.

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### 1.2 Education:

- 2008 - 2016: Scoil Barra Naofa, Beaumont.
- 2016 - 2022: St Francis College, Rochestown. LC 2022, 625 points.
- 2022 - Present: Trinity College Dublin, BA Theoretical Physics. Summer 2023 Grade - 1.

### 1.3 Work Experience:

- June 2022 – August 2022: Maryborough Hotel and Spa, kitchen porter.
- August 2023 – Present: Fota Island Resort, food and beverage assistant.

My experience in the hospitality industry really improved my ability to work as part of a collaborative effort, as well as the ability to take initiative myself.

### 1.4 Awards/Acknowledgements:

- Fundraised for HOPE during secondary school.
- Completed YMP at KOEC.
- Achieved Bronze Gaisce Award.
- Earned maximum points in LC 2022, including H1's in Maths, Physics, Applied Maths, Chemistry and Biology.
- Received Exhibition Scholarship from TCD.

## 1.5 Skills

- Word/Excel proficiency.
- Basic maths/physics computation skills in Python.
- Mathematica.
- Latex proficiency.
- OriginLab proficiency.

I have gained most of these skills over the past two years of my course. My previous Python Code can be seen at <https://github.com/DavidLawton04/VSCode>

## 1.6 Referees:

- Prof. Chaolun Wu - Teaching Fellow at TCD School of Maths.

## 2 Transcript

### 1st Year

Module Code	Module Name	Credits	Mark	Grade
MAU11100	LINEAR ALGEBRA	10	82	I
MAU11201	SINGLE VARIABLE CALCULUS AND INTRODUCTORY ANALYSIS	10	76	I
MAU11202	ADVANCED CALCULUS	5	61	II-1
MAU11400	MECHANICS	10	62	II-1
MAU11404	TECHNIQUES IN THEORETICAL PHYSICS	5	74	I
PYU11T10	PHYSICS FOR THEORETICAL PHYSICS	10	66	II-1
PYU11T20	PHYSICS FOR THEORETICAL PHYSICS	10	64	II-1

### 2nd Year (*Results Not Published*)

Module Code	Module Name	Credits	Mark	Grade
MAU23401	ADVANCED CLASSICAL MECHANICS I	5	-	-
MAU23402	ADVANCED CLASSICAL MECHANICS II	5	-	-
MAU22101	ABSTRACT ALGEBRA I: GROUP THEORY	5	-	-
MAU23204	INTRODUCTION TO COMPLEX ANALYSIS	5	-	-
MAU23302	EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY	5	-	-
MAU23403	EQUATIONS OF MATHEMATICAL PHYSICS I	5	-	-
PYU22T10	PHYSICS FOR THEORETICAL PHYSICS	10	-	-
PYU22T20	PHYSICS FOR THEORETICAL PHYSICS	10	-	-
TEU00382	ANCIENT CULTURE LAB: HOMER'S EXPERIENCE AND THE ...	5	-	-
TEU00531	DEFENSE FROM THE DARK ARTS	5	-	-