

# Shay Jordan

MASTER OF MATHEMATICS GRADUATE

Norwich, UK

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shayjordan

## Experience

### University of East Anglia (UEA)

Norwich, UK

OUTREACH PROJECT OFFICER

Sep. 2023 – Present

- Designing and delivering Higher Education Outreach projects for delivery by outreach officers.
- Responsible for managing a budget for each project.
- Using and inputting sensitive data in a national database to inform on the effectiveness of outreach projects.

### Kuk Sool Won of Lowestoft

Lowestoft, UK

MARTIAL ARTS INSTRUCTOR (UNPAID)

Apr. 2016 – Present

- Qualified Instructor with experience teaching ages from four to above eighty.
- Served as the primary instructor of a class of 30 'advanced junior' students for over two years.
- One-on-one teaching of students of all levels, adapting to their needs.

### University of East Anglia (UEA)

Norwich, UK

STUDENT AMBASSADOR

Apr. 2019 – Aug. 2023

- Produced videos, articles and photos for use in UEA and The Student Room's digital communications.
- Worked on campus events, summer schools and off-campus outreach, like delivering presentations and workshops in schools.
- Featured in many university videos and outreach schemes, and delivered the *Welcome Talk* on open days.

### PGCE Placement Schools

STUDENT MATHEMATICS TEACHER

Oct. 2022 – Jun. 2023

Benjamin Britten Academy of Music and Mathematics

Feb. 2023 – Jun. 2023

Cliff Park Ormiston Academy

Oct. 2022 – Jan. 2023

- Prepared and taught sequences of lessons for students of all abilities from years 7 to 10.
- Built positive relationships with students and staff, and engaged in activities in the wider school community.

### uea(su) – UEA Union of Students

Norwich, UK

VARIOUS ROLES

Jun. 2019 – May 2022

MTH School Convenor

Jun. 2021 – May 2022

MTH Course Representative

Jun. 2019 – May 2021

- Co-chaired *Student-Staff Liaison Committee* meetings within the School of Mathematics.
- Represented the views of students regarding issues within the university to various committees within UEA and the Students Union.
- Worked together with faculty members to ensure issues affecting students within the school are resolved.

### School of Mathematics, University of East Anglia (UEA)

Norwich, UK

RESEARCH INTERN

Jun. 2021 – Jul. 2021

- Researched the mathematics behind number puzzles such as Sudoku and Futoshiki.
- Worked closely with a supervisor and PhD student to acquire new technical skills and mathematical abilities to problem solve.
- Discovered and published a new sequence of integers on the OEIS (Sequence No. A346008).

### UEA MathSoc

Norwich, UK

VARIOUS ROLES

Jun. 2019 – May 2021

President

Jun. 2020 – May 2021

Publicity Officer

Jun. 2019 – May 2020

- Responsible for leading the committee, delegating roles, and identifying aims and objectives.
- Liaised with the university to help promote and run events for students – including social, academic and careers events.
- Led various campaigns for promoting Equality & Diversity within mathematics.
- Rebranded the society, designing its logo and merchandise.

## Education

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### University of East Anglia (UEA)

Norwich, UK

PGCE SECONDARY MATHEMATICS (WITH QTS)

Sept. 2022 – Jun. 2023

- Distinction achieved in all assignments, including data project on student behaviour.
- Completed two contrasting placements with a high level of success, reflected in overwhelmingly positive feedback.

### University of East Anglia (UEA)

Norwich, UK

MMATH (HONS) MASTER OF MATHEMATICS

Sept. 2018 – Jun. 2022

- **Masters Year Modules:**  
MMath Dissertation on *Goodstein Sequences*; Algebraic Topology; Cryptography; Galois Theory; Mathematical Logic.
- **Third Year Modules:**  
Research Project; Combinatorics & Further Linear Algebra; Groups & Algebra; History of Mathematics; Number Theory; Set Theory.
- **Second Year Modules:**  
Algebra; Analysis; Differential Equations & Applied Methods; Fluid Dynamics; Programming in Java; Topology & Computability.
- **First Year Modules:**  
Calculus & Multivariable Calculus; Linear Algebra; Mechanics & Problem Solving; Real Analysis; Sets, Numbers & Probability.

### East Norfolk Sixth Form College

Gorleston, UK

A LEVELS

Sept. 2016 – Jun. 2018

- **Mathematics** (A), **Physics** (C), **Sociology** (B).

### Benjamin Britten High School

Lowestoft, UK

GCSEs

Sept. 2011 – Jun. 2016

- **10 GCSEs** (Grades A and B), **English Language** (B), **Mathematics** (A).

## Interests & Hobbies

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### Kuk Sool Won

KOREAN TRADITIONAL MARTIAL ART

Jan. 2005 – Present

- Qualified Instructor with experience in teaching both children and adults.
- Third Degree black belt, having practised since age 5.
- Developed self-discipline, patience, confidence, respect and etiquette.
- Acquired dozens of medals at continental tournaments.

### Travelling & Volunteering

- Experienced Traveller, keen to learn about and explore alternative cultures.
- Volunteered at a Thai orphanage in the summer of 2017.
- Passionate about the environment and have attended beach clean-up events.
- Founded and chaired *Waveney Eco*, leading on award-winning environmental projects.

### Technology & Computing

- Keen interest in technology, motivating a confident ability to quickly learn new systems.
- Skilled in packages such as Microsoft Office, including the use of Excel for understanding and representing data.
- Experienced in web development and have knowledge of Python and Java programming.
- Knowledgeable in digital marketing, graphic design, and social media management.

## Awards

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2021	<b>Joint-Winner</b> , Graham Everest Prize for Significant Contribution to the School of Mathematics	Norwich, UK
2018	<b>Winner</b> , Award for Contribution to College Life at East Norfolk Sixth Form College	Great Yarmouth, UK
2015	<b>Winner (as part of a team which I led)</b> , Bernard Matthews Youth Award for Education	Norwich, UK

### References Available Upon Request