

CV - Luke Elliott

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Education

St Andrews University – MMath (Hons) Mathematics (Fast Track)

| Year | Modules | Average Grade |
|---------|---|---------------|
| 2017/18 | Topics in Groups, Independent Study (Algebraic Topology), Real and Abstract Analysis, Semigroups, Dissertation (Infinite Symmetric Groups) | 19.1 |
| 2016/17 | Graph Theory, Measure and Ergodic Theory, Real Analysis, Advanced Symbolic Computation, Galois Theory, Groups, Topics in Geometry and Analysis | 19.3 |
| 2015/16 | Analysis, Complex Analysis, Differential Equations, Finite Mathematics, Linear Mathematics 2, Algebra: Rings and Fields, Mathematical Programming, Number Theory, Statistical Inference, Topology | 17.5 |
| 2014/15 | Mathematics, Combinatorics and Probability, Multivariate Calculus, Topics in Mathematics: Problem-solving techniques, Abstract Algebra, Linear Mathematics, Mathematical Modelling, Vector Calculus | 18.5 |

Stewart's Melville College, Edinburgh

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|---------|---|
| 2013/14 | Advanced Higher: Pure Mathematics (A), Applied Mathematics (A), Physics (A) |
| 2012/13 | Higher: Mathematics (A), Physics (A), Computing (A), Chemistry (A), English (D) |

Awards

St Andrews Dean's list 2015, 2016, 2017, 2018
Duke of Edinburgh Bronze and Silver awards,
Scottish Mathematical Council "Maths Challenge" gold awards

Technical Skills

Programming Visual Basic, Python, GAP, LaTeX

Work Experience

- 2018-present PhD Student at St Andrews (includes tutoring)
- 2017 Laidlaw Programme, Undergraduate Research and Leadership Programme: Writing algorithms concerning commutative semigroups supervised by Dr James D Mitchell.
- 2016 Charity Shop Assistant (Shelter)
- 2013 Heriot Watt University photonics department work experience: minimising transmission loss of lasers through various mediums using precise equipment set-ups.

Positions of Responsibility

- 2016-present Treasurer of St Andrew's Anime Society

Interests & Activities

Anime, Maths, Most games.

Referees

- Dr Collin Bleak, My St Andrew's Supervisor, E-mail: cb211@st-andrews.ac.uk
- Dr James D Mitchell, My St Andrew's Supervisor, E-mail: jdm3@st-andrews.ac.uk