Frances Cooper | Resumé

School of Computing Science, Sir Alwyn Williams Building
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Education

University of Glasgow   **Glasgow, UK**
PhD Computing Science   *2015 - present*
- Thesis title: Open problems in the area of matching under preferences
- Research student representative on the College of Science and Engineering Graduate School Board
- Tutor, School of Computing Science research student representative
- Athena SWAN committee member, BCTCS conference 2018 organising committee member

University of Glasgow   **Glasgow, UK**
MSc Software Development, Distinction   *2013 - 2015*
- MATCH-UP conference 2015 organising committee member

Open University   **Milton Keynes, UK**
BSc Mathematics, 1st Class (Hons)   *2009 - 2013*
- Distance learning degree whilst working

Awards and Scholarships

3 Minute Thesis Finalist: *2017*
- Competition to explain your thesis to a non-technical audience
- *University of Glasgow Finalist* and *College of Science and Engineering Commendee*

EPSRC PhD Scholarship: *2015 - 2019*
- Funded PhD in Computer Science, University of Glasgow (3.5 years)

Confucius Institute Scholarship, China: *Summer 2015*
- Won a scholarship after previous Chinese language study
- Attended a *Language and Culture Exchange* at *Nankai University in Tianjin, China*

Class Prize: *2013 - 2015*
- MSc Software Development *highest overall grade (21.2 / 22.0)*

Grace Hopper Prize: *2013 - 2015*
- MSc Software Development *highest achieving female student*

SFC MSc Scholarship: *2013 - 2015*
- Funded MSc in Software Development, University of Glasgow

Computing skills

General computing skills: Java, Python, Gurobi, Bash, Django, HTML, CSS, LaTeX, Git

Areas of interest: Algorithms & Complexity, Integer/Constraint Programming, Optimisation

Notable events

Invited speaker   **Cape Town, South Africa**
Invited speaker at African Women in Discrete Mathematics conference   *January 2018*
○ Encouraging women graduates into academic research roles

(future) Amazon Internship   **Edinburgh, UK**
3 month internship at Amazon Development Centre, Edinburgh   *April - June 2018*

Languages

English: Native proficiency
Mandarin: Beginner/Intermediate   *Hanyu Shuiping Kaoshi (HSK) level 2 certificate*
British Sign Language (BSL): Beginner   *level 1 certificate*

Experience

Whilst studying I worked and volunteered in the care and education sectors.