

# PhD position(s) in AI, sketching and/or CAD for creation and creativity

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## Start date

July, October, December 2022

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## The role

Successful Ph.D. applicants are expected to advance deep learning, propose new algorithms or interfaces, and drive conclusions in the context of AI, sketching, and CAD for content creation and creativity. Students are expected to contribute to unsupervised learning, differentiable and neural rendering, generation and recognition models.

Students will have opportunities to work in collaboration with leading researchers across the world and to benefit from research internships in leading industrial research labs.

## Entry requirements

All applicants should

- have (or expect to obtain) a first-class degree in a numerate discipline (mathematics, science, or engineering) or MSc with Distinction (or 70% average)
- have completed courses in computer vision, machine learning, and deep learning

In addition, it would be an advantage if applicants:

- have completed courses in image processing and/or graphics
- are passionate about sketching and/or CAD and/or human perception and/or product design and/or garment design

## English language requirements

IELTS minimum 6.5 overall with 6.0 in Writing, or equivalent

## Funding offer

The studentship is offered for 3 years, it covers salary in line with the UK Research and Innovation (UKRI) rate, university fees, and it comes with the funding for conference traveling.

## How to apply

The applicants should email their CV, academic transcript, and cover letter specifying why they are interested in doing research on these topics to [y.gryaditskaya@surrey.ac.uk](mailto:y.gryaditskaya@surrey.ac.uk) with the topic: “PhD in AI and sketching”. The applications with general cover letters will not be considered.