

Trainee positions in the



Multiobjective Optimization Group

Multiobjective Optimization Group (<http://www.mit.jyu.fi/optgroup>) is a research group at the IT faculty of JYU.

We are looking for summer trainees interested in:

- Contributing to **open-source software development**
- Supporting decision making in real-life problems
- General software and full-stack web development
- Learning about how to make decisions when multiple conflicting objectives should be optimized simultaneously



We offer you

- An international working environment
- The freedom to express your creativity and voice your own ideas
- A taste of what actual research in IT may be like
- Work experience and the possibility to expand your portfolio
- The possibility to continue your work in a **BSc/MSc/PhD thesis** in our group
- Regular mentoring

We expect from you

- At least basic knowledge of either **Python or TypeScript**
- Basic understanding of mathematical or evolutionary optimization
- Being able to tell the difference between git and GitHub
- Initiative and a fearless attitude to tackle **challenging problems**
- An interest in supporting decision making with multiobjective optimization
- English communication skills

The paid traineeship will last for up to 4 months. We have **2 open positions**, one focusing on frontend web development and the other on optimization problem parsing in the backend. The positions will be filled as suitable applicants are found. The funding comes from a research project called UTOPIA that studies climate-smart forestry.

The work during the traineeship will be related to the **open-source software framework DESDEO (desdeo.it.jyu.fi)**. You can check the DESDEO article for more information.



DESDEO article

Interested? Contact: kaisa.miettinen@jyu.fi

