

Mosek MIP DEVELOPER

Join Mosek ApS — a global leader in linear and conic optimization software.

We empower our clients to tackle their most challenging linear and conic optimization problems using cutting-edge algorithms solid grounded on mathematical theory.

We are looking for a passionate and innovative person to join our mixed integer optimizer development team currently consisting of 3 out of 13 people.

What You'll Do

- Work on improving the mixed-integer optimizer in Mosek.
- Design, develop, and advance mathematical optimization algorithms: cuts, branching, heuristics, presolving and postsolving techniques.
- Apply your software engineering expertise to deliver robust and reliable code, comprehensive test cases, and thorough documentation.
- Evaluate and enhance the performance and numerical robustness of Mosek.
- Collaborate with an international team while structuring your work self-sufficiently.

What You Bring

- Ph.D. or equivalent in Operations Research, Computer Science, or a related discipline.
- Practical experience in developing and maintaining a mixed integer optimizer code. For instance, you may have contributed to SCIP or another commercial optimization product.
- Good programming skills in C or C++.
- A collaborative spirit and outstanding self-management skills.
- Proficiency in both written and spoken English.

Why Mosek?

- We offer flat hierarchies, outstanding work-life balance, and the freedom to innovate.
- We offer a job where you can focus on your passion for developing optimization software.
- Make a tangible impact in the optimization space.
- We encourage participation in relevant scientific conferences.
- You can work remote or at our office in Copenhagen.

Mosek ApS is committed to ensuring equal treatment and non-discrimination in the workplace. We welcome applications from all qualified individuals regardless of religion or belief, disability, age, gender or sexual orientation.

If you want to apply for the job, then send an email to job@mosek.com. If you wish, we will reply with a secure method for transferring your application to us.

If you have a LinkedIn profile, then you are welcome to include a link to it in your initial email.

Our privacy policy can be found at <https://www.mosek.com/privacy/>