



## Hyperloop Network Design

With currently existing transport systems like cars or trains, it takes several hours to travel from Zurich to Berlin. This makes it inconvenient to live in Berlin while working in Zurich.

To allow faster travelling for large distances, the idea of the Hyperloop was introduced a few years ago. With the realization of the Hyperloop concept, it may get normal for some people to work several hundred kilometers away from the place they're living. However, Hyperloop systems are still in a research phase and many challenges remain.



The goal of this thesis is to design a realistic Hyperloop network by comparing and evaluating different approaches, especially regarding throughput and cost. An existing traffic simulation, which was developed at our group, can be further extended and then be used to visualize the network designs.

**Requirements:** Creativity and programming skills are advantageous. The student(s) should be able to work independently on this topic!

**Interested? Please contact us for more details!**

### Contact

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