

Title: Post-Doctoral Research Scientist Position in Software-Defined Optical Networks

Job Description:

The Lightwave Research Laboratory (LRL) in the Electrical Engineering department of Columbia University has an exciting opportunity for a Post-Doctoral Research Scientist in the area of Software-Defined Optical Networks. LRL performs state-of-the-art research on Software-Defined Networking, Optical Networks and applied Machine Learning. LRL has built multiple testbeds for data center and Terabit optical networks. The candidate will contribute on the development of simulation platform and algorithms of dynamic optical networks.

Qualifications:

- Extensive knowledge of regional and long-haul networks
- Experience in development of event-driven network simulation platforms
- Experience in design of optimization algorithms
- Fluent in C++ and Python
- Knowledge of machine learning is a bonus
- Hands-on experience in optical networking is a bonus

Duration: One year

Starting Date: Immediate

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