

Socially Aware Mobility Lab

Deploying On-Demand Transit System in Atlanta

Project Lead:

Dr. Pascal Van Hentenryck, Associate Chair for Innovation and Entrepreneurship and A. Russell Chandler III Chair and Professor, Georgia Tech

Project Work Location:

Socially Aware Mobility (SAM) and NSF AI Institute for Advances in Optimization, Georgia Tech Campus, Atlanta

Project Description:

The successful interns will work with the SAM team to refine, improve, and expand the mobile applications in order to make on-demand transit to many population segments. They will work on improving the service as simple as possible for people with disabilities and for people with no access to cell phones. They will help support multi-languages. They will work on automating functions that are still manual at this point in the implementation of on-demand transit systems. Learn more about the project [here](#).

Project Learning Goals:

(1) understanding of complex cloud computing and mobile applications; (2) development of mobile applications for mobility; (3) development of web-based applications for mobility.

Top Desired Intern Skills:

(1) experience in developing web-based applications and/or mobile applications; (2) experience in React Native; (3) ability to work in a team.

Intern Deliverables:

Development of specific functionalities as required by the team as of Summer 2022.