



# NATIONAL STUDENT DATA CORPS DATA SCIENCE PROJECTS CERTIFICATE OF COMPLETION

AWARDED TO  
**CHANGWOO KIM**

For the NSDC project "Explorer Transportation Data Science Project,"  
practicing Data Cleaning, Python Programming, Time Series Analysis,  
Geospatial Analysis, Data Visualization, and Critical Thinking Skills.

*Florence D Hudson*

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**FLORENCE D HUDSON**  
NEBDHub Executive Director,  
NSDC Founder

*Emily Rothenberg*

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**EMILY ROTHENBERG**  
NSDC Program Manager

*Sharon Di*

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**SHARON DI**  
Columbia University  
Transportation Professor