

Naval Research Laboratory- Summer Internship Opportunities

Summer Position #1:

Description:

The Radar Division of Naval Research Laboratory in Washington DC is offering a summer internship for a US citizen graduate student in electrical engineer or mathematics who has obtained high grades in stochastic processes, computer vision, detection and estimation theory and digital signal processing. The student will specifically do work in the area of tensor voting concepts as applied to radar problems. The resulting work can also potentially turn into the student's Ph.D. thesis.

Contact:

Prospective students can email their resume to:

Masoud.Farshchian@nrl.navy.mil

Summer Position #2:

Description:

The Radar Division of Naval Research Laboratory in Washington DC is offering a summer internship for a US citizen graduate student in electrical engineer or mathematics who has obtained high grades in stochastic processes, detection and estimation theory and digital signal processing. The student will specifically do theoretical work and experimental study in the area of cyclostationary and almost cyclostationarity stochastic analysis.

Before starting: Student will do some light reading of some recommender chapters and papers before their start in NRL.

First Month:

Student will do further research in cyclostationarity theory (characterization, estimation of parameters and detection).

Second Month:

Student will work with already measured data and empirically study its cyclostationary nature. In parallel, the student will continue expanding on their theoretical knowledge of cyclostationarity signals.

Third Month:

Student will work jointly with NRL supervisor and professor on writing a joint conference paper with a viewpoint of turning it into a complete journal paper. The resulting work can also potentially turn into the student's Ph.D. thesis.

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