

**Assistant Professor in Communications, Networking or Control (Including Robotics)**  
**Department of Electrical Engineering and Computer Science**  
**Northwestern University**

The Department of Electrical Engineering and Computer Science at Northwestern University invites applications for a tenure-track Assistant Professor position to start fall 2013 in the areas of communications, networking and control (including robotics) especially those that broaden the department in emerging areas or that strengthen existing areas. Exceptional candidates in related areas will also receive serious consideration.

The successful candidate will be expected to carry out world class research, collaborate with other faculty, and teach effectively at the undergraduate and graduate levels. Compensation and start-up package are negotiable and will be competitive.

Northwestern EECS consists of over 50 faculty members of international prominence whose interests span a wide range. Northwestern University is located in Evanston, Illinois on the shores of Lake Michigan just north of Chicago. Further information about the Department and the University is available at <http://www.eecs.northwestern.edu> and <http://www.northwestern.edu>.

To ensure full consideration, applications should be received by December 1, 2012. Applications will be accepted until the position is filled.

To apply, first read full upload instructions at <http://eecs.northwestern.edu/academic-openings.html>. Applicants will submit (1) a cover letter indicating rank applied for, (2) a curriculum vitae, (3) at least three, but no more than five references (4) statements of research and teaching interests, and (5) two representative publications. For general questions about the search or application assistance post submission, contact [cnc.facultysearch.2012@eecs.northwestern.edu](mailto:cnc.facultysearch.2012@eecs.northwestern.edu).

The aforementioned application materials may also be sent to:

CNC Faculty Search Committee  
Department of Electrical Engineering and Computer Science  
Technological Institute, L359  
Northwestern University  
2145 Sheridan Road  
Evanston, IL 60208  
USA

Northwestern University is an equal opportunity, affirmative action employer. Qualified women and minorities are encouraged to apply. It is the policy of Northwestern University not to discriminate against any individual on the basis of race, color, religion, national origin, gender, sexual orientation, marital status, age, disability, citizenship, veteran status, or other protected group status. Hiring is contingent upon eligibility to work in the United States.

**Assistant Professor in Database Systems  
Department of Electrical Engineering and Computer Science  
Northwestern University**

The Department of Electrical Engineering and Computer Science at Northwestern University invites applications for a tenure-track assistant professor position in database systems to start in fall 2013. We are interested in exceptional candidates in all areas of database systems, but have a particular focus on areas such as large-scale data management, integration of structured and unstructured data, parallel and distributed data mining and analytics, stream databases, and database engines for scalable computing and emerging computer architectures.

A Ph.D. in Computer Science or Computer Engineering is required, as is a clear track record of success in database systems. Successful candidates will be expected to carry out world class-research, collaborate with other faculty, and teach effectively at the undergraduate and graduate levels. Compensation and start-up packages are negotiable and will be competitive.

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To ensure full consideration, applications should be received by December 15, 2012, but applications will be accepted until the position is filled.

To apply, first read full upload instructions at <http://eecs.northwestern.edu/academic-openings.html>. Applicants will submit (1) a cover letter, (2) a curriculum vitae, (3) statements of research and teaching interests, (4) three representative publications, and (5) at least three, but no more than five references. For general questions about the search or application assistance post submission, contact [db-search@eecs.northwestern.edu](mailto:db-search@eecs.northwestern.edu).

The aforementioned application materials may also be sent to:

Database Systems Faculty Search Committee  
Department of Electrical Engineering and Computer Science  
Technological Institute, L359  
Northwestern University  
2145 Sheridan Road  
Evanston, IL 60208  
USA

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**Search for a Full Professor in Theoretical Computer Science  
Department of Electrical Engineering and Computer Science  
Northwestern University**

The Department of Electrical Engineering and Computer Science at Northwestern University invites applications for a full professor position in theoretical computer science to start fall 2013. All areas of theoretical computer science will be considered. Applications for the rank of Associate or Assistant Professor from exceptionally qualified candidates will also be considered.

The successful candidate will be expected to carry out world class research, collaborate with other faculty, and teach effectively at the undergraduate and graduate levels. Compensation and start-up package are negotiable and will be competitive.

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To ensure full consideration, applications should be received by November 1, 2012. Applications will be accepted until the position is filled.

To apply, please visit <http://eecs.northwestern.edu/academic-openings.html> for full instructions on uploading. Applicants will submit (1) a cover letter indicating rank applied for, (2) the names of between five and eight references for the rank of Full or Associate Professor or at least three references for the rank of Assistant Professor, and (3) a curriculum vitae. References will be contacted only if requested by the search committee. Statements of research and teaching interests and three representative publications may also be requested. For assistance with application materials or general questions, contact [tcs.facultysearch.2012@eecs.northwestern.edu](mailto:tcs.facultysearch.2012@eecs.northwestern.edu).

The aforementioned application materials may also be sent to:

TCS Faculty Search Committee  
Department of Electrical Engineering and Computer Science  
Technological Institute, L359  
Northwestern University  
2145 Sheridan Road  
Evanston, IL 60208  
USA

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**Assistant/Associate Professor in Very Large Scale Integration (VLSI)  
Department of Electrical Engineering and Computer Science  
Northwestern University**

The Department of Electrical Engineering and Computer Science at Northwestern University invites applications for a tenure-track faculty position to start fall 2013. Although our search will concentrate on the Assistant Professor level, exceptional candidates at the Associate Professor level will also be considered. The focus of our search is in VLSI, broadly construed, and we especially seek individuals who span analysis, design, and implementation at the VLSI scale and above. Specific areas of interest include low-power/energy-aware circuits, adaptive and robust circuits and systems, novel on-chip communication substrates, circuits for emerging technologies, circuits for energy harvesting and delivery, mixed analog/digital circuits, and methodologies for application-specific designs.

A Ph.D. in Computer Engineering, Computer Science, Electrical Engineering, or a related field is required, as is a clear track record of success in the area. Successful candidates will be expected to carry out world class-research, collaborate with other faculty, and teach effectively at the undergraduate and graduate levels. Compensation and start-up packages are negotiable and will be competitive.

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To ensure full consideration, applications should be received by December 15, 2012. Applications will be accepted until the position is filled.

To apply, first read full upload instructions for this position at <http://eecs.northwestern.edu/academic-openings.html>. Applicants will submit (1) a cover letter indicating rank applied for, (2) a curriculum vitae, (3) at least three references, but no more than five (4) statements of research and teaching interests, and (5) two representative publications. For general questions about the search or application assistance post submission, contact [vlsi2012@eecs.northwestern.edu](mailto:vlsi2012@eecs.northwestern.edu).

The aforementioned application materials may also be sent to:

VLSI Faculty Search Committee  
Department of Electrical Engineering and Computer Science  
Technological Institute, L359  
Northwestern University  
2145 Sheridan Road  
Evanston, IL 60208  
USA

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