

M.Sc Research Opportunities (Full-Time) – Grant Assisted

PROJECT DESCRIPTION

The successful candidates will focus their Research & Development efforts on the *Security* and *Availability* aspects of a recently initiated, highly innovative billing solution for communications providers. The solution will be realised using Application Service Provider (ASP) technology, enabling tier 3 and 4 network operators, content providers, service aggregators and other genres of service providers to access state-of-the-art billing functionality on a subscription / rental basis.

QUALIFICATIONS

An Honours Degree (2.1 or higher) in Computer Science / Engineering with an emphasis on Software Design & Development and Distributed Systems / Networking is essential. The successful candidates will also demonstrate a proven track record in practical / project work.

2 years+ post-qualification experience in software design / development is highly desirable.

These positions may be particularly attractive to Computing / Engineering graduates with some professional experience who now wish to upgrade their academic qualifications.

PROJECT DURATION

The successful candidates will register for a Master of Science Degree (M.Sc) by research at GMT (Galway) under the Informatics Research Group, Department of Computing & Mathematics, School of Science.

The Research and Development will commence December 1st 2004 and continue for a period of 14 months. Students will receive a tax-free research grant for the duration of this period.

The formal M.Sc thesis write-up will commence immediately following the research period (i.e. Feb 2006) and is expected to take 3 – 4 Months. The thesis write-up period is not funded.

MONTHLY GRANT PAYMENT

In addition to full M.Sc registration fees being paid for the entire duration of the project, each student will receive a grant of up to €1,667 per month, for a total of 14 months.

CLOSING DATE FOR RECEIPT OF APPLICATIONS

Interested candidates should download and complete the project application form at:

<http://gmitweb.gmit.ie/computing/form.pdf>

Completed application forms should be returned (hard-copy) to:

Research Studentship 2004
Development Office – Reference: *Billing 4 Rent*
Galway-Mayo Institute of Technology
Dublin Road, Galway, Ireland.

The closing date for receipt of completed applications is 5PM on Monday, Nov 01, 2004.

For an informal discussion on this project contact the project coordinators:

John Healy
(091) 742604
john.healy@gmit.ie

Sean Duignan
(091) 742143
sean.duignan@gmit.ie