**Summary**

We wish to recruit a Front End Developer, Research Assistant on a fixed term contract basis with primary responsibility for designing, implementing and deploying a Personalised eLearning Web 2.0 platform that integrates cutting edge language technology with digital content adaptation and semantic web tools.

This development work will be conducted as part of a world-class research team at the Centre for Next Generation Localisation labs at Trinity College Dublin. This team is conducting disruptive research and innovation work with data-driven language learning technology and on-demand personalised training resource production, targeted at the language services industry.

**Role & Responsibilities**

Reporting to the principal investigator, the post-holder will collaborate closely with an experienced NLP and Semantic Web researcher on the technical implementation and industrial field testing of an innovative software platform, to improve language learning through the automated production and delivery of tailored language learning resources. The role will involve collaborating with this researcher in order to bring an existing research prototype to product/market fit, ready for commercialisation and deployment.

We are looking for a pragmatic front-end designer/developer with several years of Javascript, HTML, CSS development experience and entrepreneurial aspirations or experience to share in our vision of the future of Technology Enhanced Language Learning.

The successful candidates will provide web application development skills, functional and non-functional requirements gathering for internal development tasks required to support the commercialisation of research in CNGL. The successful candidates will work closely with academics and key research staff to deliver systems in support of the group’s research activities.
in a novel computer assisted Language Learning application. This role will be part of an SFI-funded Technology Innovation Development Feasibility Study conducted at the Centre for Next Generation Localisation (CNGL) Laboratories at the School of Computer Science and Statistics at Trinity College Dublin. (http://www.cngl.ie).

Key elements of the role include:
- Collaboration with TCD researcher to bring a research prototype to product/market fit, using Lean Customer Development Approaches
- Analysis of front end application design requirements based upon customer development analysis results
- Lead Front-end Developer of a new Language eLearning Platform using HTML/CSS and Javascript programming tools
- Coordinating and communicating with academic and industrial stakeholders
- Carrying out other startup related tasks as required

Requirements:
- Minimum two year front end designer
- Honours degree in Computer Programming or similar technical discipline
- Very strong Javascript skills, HTML/CSS, AJAX
- Experience using MVC or MVP javascript framework
- Excellent code optimization and software design principles as well as excellent analytical skills
- Strong team player who is able to take responsibility to contribute to the overall success of the team.
- Proven ability to conform to development/web standards
- Work well in both a team environment and independently

Nice to Have:
- Previous background in Lean Customer Development techniques
- Previous experience working with Twitter Bootstrap, Jquery, Closure or AngularJS Tools
- Java programming is not required but would be an advantage
- Previous experience working in startup environments
- Speaks and/or is currently learning various languages

Please Note: No expenses will be paid in travelling to interview.

Centre for Next Generation Localisation
CNGL is a €50M Academia-Industry partnership based in Ireland. It is unique internationally in researching and developing novel web-based, knowledge-based and language technologies for the global multilingual web content and services supply chain. It is made up of over 100 researchers in labs integrated across Trinity College Dublin (TCD), Dublin City University (DCU),
University College Dublin (UCD), University of Limerick (UL), as well as ten industrial partners, including SME, NGOs and multinationals such as Microsoft, Symantec, Intel and Welocalize. In addition to central funding from Science Foundation Ireland (SFI), CNGL is involved in a number of European FP7 projects and commercial projects in the area of language technology, multi-lingual web and adaptive, personalised content. CNGL provides a world class collaborative research and innovation environment, including excellent computing facilities, administration, management and fully integrated and dedicated on-site commercialisation support.

Department Summary
The School of Computer Science and Statistics at Trinity College Dublin offers a high quality educational experience to undergraduate and postgraduate students along with exceptional research opportunities for professionals in the fields of computer science and statistics. The school is proud of its reputation as an innovative and energetic centre for study and research.

The research interests of the School are wide and varied, ranging from the theoretical to the practical. The schools researchers are at the cutting-edge of their disciplines, working on prestigious research projects with other professionals in their fields, and with access to significant public and private funding and industry support.

Trinity College Dublin
Founded in 1592, Trinity College Dublin is the oldest university in Ireland and one of the older universities of Western Europe. On today’s campus, state-of-the-art libraries, laboratories and IT facilities, stand alongside historic buildings on a city-centre 47-acre campus. TCD’s research impact is currently ranked 44th in the World by the Times Higher Education Ranking of World Universities and 10th in Europe by the Leiden University Ranking of World Universities based on research performance. As Ireland’s premier university, the pursuit of excellence through research and scholarship is at the heart of a Trinity education. TCD has an outstanding record of publications in high-impact journals, and a track record in winning research funding which is among the best in the country.

The Selection Process in Trinity
- The Selection Committee (Interview Panel) will include members of the Academic community
- Applications will be acknowledged by email. If you do not have confirmation of receipt within 1 day of submitting your application online, please get in touch with us immediately and prior to the closing date/time.
- Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the College regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist.
- Outcomes of interviews are notified no later than 5 working days following the selection day.
• In some instances the Selection Committee may avail of telephone or video conferencing.
• The College’s selection methods may consist of any or all of the following:
  ○ Interviews
  ○ Presentations
  ○ Psychometric Testing
  ○ References

**Equal Opportunities Policy**
Trinity College Dublin is an equal opportunities employer and is committed to the employment policies, procedures and practices which do not discriminate on grounds such as gender, marital status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community.

**Application Procedure**
Candidates are asked to submit a covering letter and a full CV to include the names and contact details of 3 referees (email addresses if possible) to:

  **Mr Killian Levacher via Email**: killian.levacher@cs.tcd.ie

If you have any further queries please see the contact Mr Killian Levacher via Tel: +353-86-0714956 or Email: killian.levacher@cs.tcd.ie or Prof. Vincent Wade via vincent.wade@sccs.tcd.ie