Job Title: Programmer

Department: UCL Interaction Centre

Reports to Professor Ann Blandford

Grade: 7

Main Purpose

The post holder will be required to develop software as part of a team researching and designing prototypes of new approaches to supporting information interaction for professional groups (esp. lawyers and journalists). Based on novel conceptual designs developed by the team (including visual representations and interaction models), the prototypes will allow the concepts to be evaluated with users. The prototypes will feature sufficient functionality and database integration where required to enable meaningful user-evaluations.

Duties and Responsibilities

- To develop software prototypes according to ongoing concepts developed by the team to a standard appropriate for user-evaluation.

- To integrate prototypes incorporating extant digital library components and resources where appropriate (e.g. Web APIs, information extraction, information retrieval).

- To take a lead in establishing an appropriate development environment and related platform infrastructure.

- To contribute to team discussions on the technical constraints of implementation alternatives.

- To contribute to the overall activities of the research team and department as required.

- To ensure that equipment is safe and maintained in working order.

- As duties and responsibilities change, the job description will be reviewed and amended in consultation with the post holder.
• The post holder will carry out any other duties as are within the scope, spirit and purpose of the job as requested by the line manager or Head of Department/Division

• The post holder will actively follow UCL policies including Equal Opportunities and Race Equality policies

• The post holder will maintain an awareness and observation of Fire and Health & Safety Regulations.
UNIVERSITY COLLEGE LONDON
UCL Interaction Centre

Person Specification for the Programmer in Making Sense of Information

Knowledge – including Qualifications

Degree in Computer Science or equivalent. Doctorate desirable.

Excellent working knowledge of a language such as Java, C++ or C#

Skills

Good pragmatic problem-solving skills

Effective written and verbal communication skills

Experience

Two years interface programming experience

Experience of development in relation to digital libraries/search engines an advantage

Experience of working in a research environment desirable

Personal Qualities

A positive approach to innovation

A commitment to high quality research

An ability to contribute and respond as part of a team

Commitment to UCL’s policy of equal opportunity and the ability to work harmoniously with colleagues of all cultures and backgrounds