Position Title: Development Lead – Web Developer

Faculty/Office: Health Science
Department: Cognitive Science

Supervisor Position Title/Position Number: Deputy Head, Department of Cognitive Science

Supervisor Name: David Kaplan

Position Number: (casual)
HEW Level: 7

Approved By: (Supervisor’s signature)
Date: May 2018

JOB RESPONSIBILITIES:

- Lead developer in creating an integrated educational web application platform
- Collaborate with other project members to meet timelines whilst maintaining high quality output
- Contribute to solution designs, problem solving and team communications
- Ensure compliance with in-house software development guidelines including coding and test conventions
- Utilise benchmarking and optimization techniques to enhance solutions
- Manage project technical deliverables
JOB TASKS:

- Supporting one or more web applications
- Building responsive mobile first web apps to accommodate multiple form factors
- Building dashboards and charts for historical and real-time data visualization
- Triaging and debugging of application related issues
- Working within agile product teams to provide timely feedback on progress and blockers.
- Working with SDLC tools such as JIRA, Git, and Jenkins following agreed conventions
- Writing unit tests as necessary and working closely with the QA team to maximise coverage
- Performing code reviews and partnering for other team members
**SKILLS:**

**Required**
- Bachelor’s Degree in Computer Science, Engineering or related field
- 3+ yrs experience working with JavaScript, HTML and CSS to build rich web applications
- Strong proficiency in JavaScript, including DOM manipulation and the JavaScript object model
- Proficiency in Django/Python
- Good English verbal and written communication skills
- Good knowledge of modern JavaScript extensions such as ES6 and Typescript
- Experience with Agile processes for Continuous Integration, Testing and Deployment

**Desirable**
- Understanding of React.js and its core principles plus some experience with popular React.js workflows (Flux or Redux) and data structure libraries (Immutable.js)
- Knowledge of modern authorization mechanisms, such as JSON Web Token
- Familiarity with EcmaScript, RESTful APIs and modern front-end build pipelines and tools
- Experience with development tools such as Babel, Webpack, NPM, etc
- Experience using CSS pre-processors such as LESS or SAAS