

vocational and technical-based undergraduate education, the key is: to build an advanced science course system, refinement of professional personnel training programs that emphasize the process of assessment, the use of interactive teaching methods and experiential teaching methods, to strengthen the practice of teaching, the establishment of the laboratory, opening up the Fund, extensive school-enterprise cooperation and promote the teaching profession, and so on.

Keywords: Database management system ,Oracle,SQL

MAXIMIZING COMPUTER SCIENCE STUDENT CAREER OPPORTUNITY THROUGH ICT INDUSTRY PLACEMENTS

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Currently final-year students within the School of Computer Science and Mathematics, Victoria University are required to undertake capstone subjects Professional Communications and Industry Projects which focus on the completion of industry projects. In order to help the final year students get job ready, career education has been integrated into both courses with the support of Student Career Services. Students benefit from the exposure to real-world job markets and understand the current ICT industry skill requirements and demands. The funding from Victorian Government, Australia for the ICT Industry Placement Scholarships has become a testcase for our approach. It is approved that a cross faculty collaborative teaching program have made significant contribution to improve the studentspsila employability skills and their life-long learning skills. In this paper, first background information about the ICT industry placements is given. Then the collaborative teaching approaches are described and outcome and impact of the placements are presented. Finally conclusion on the ICT Industry placements is addressed.

Keywords: Communication, Database management System, Data Science, Machine Learning.

DESIGNING A DATA SCIENCE COURSE FOR NON-COMPUTER SCIENCE STUDENTS: PRACTICAL CONSIDERATIONS AND FINDINGS

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This Full Paper in the Research-To-Practice Category illustrates what an online survey of students' opinions reveals about students' perceived learning and take-away from a course on Data Science. The course is offered at University of Vienna in the Business