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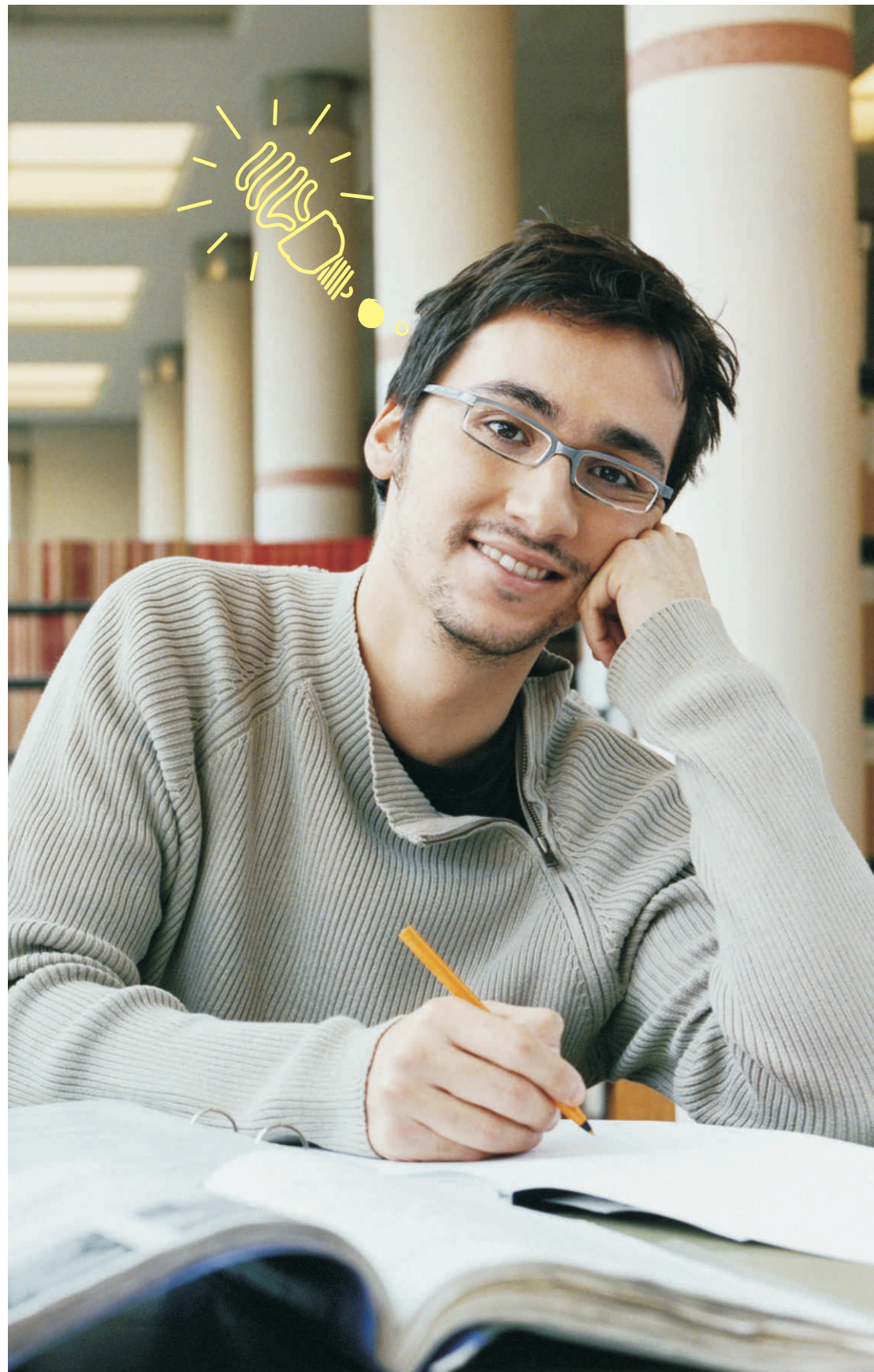


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Experiential Learning

Your stepping-stone into the professional world



Make the right beginning

They say well begun, is half done. As you embark on a professional life, choosing the right project can ensure you get that right beginning.

Lack of project exposure is one of the biggest challenges faced by IT companies while recruiting new hires like you. To bridge this gap, the IBM Career Education Program provides an opportunity in Experiential Learning to work on projects based on real-world problems, rather than industry simulations. Make the right beginning with a project that requires practical knowledge to back-up the theories you have mastered.

Get the right experience

- Choose from a variety of industry-aligned projects based on real world challenges solved by IBM using cutting edge technologies
- Blend IT skills, knowledge and industry best practices
- Learn and work with enterprise class tools, and methodologies
- Get expert coaching and mentoring
- Get yourself evaluated and certified by IBM

Take the lead with industry leaders

IBM Software and other technologies are widely used in leading organizations across industries today. And the Experiential Learning module is designed to familiarize you with the technologies you are most likely to encounter in your career. Through application of knowledge, reflective thinking, hands-on exploration and team interaction, this live work experience will familiarize you with industry-standard methodologies like RUP and IBM Rational Tools and deployment on IBM Middleware.

In addition, IBM's leadership in academic innovations such as Career Education in Business Transformation for Management students and the Career Education Program for Engineering students have shown us the merit in delivering practical knowledge at the academic level. These courses are aimed at giving students early access to our enterprise applications including Java, DB2 and Rational, to fast-track your career, even before it begins.

Industries you could find yourself in:



Aerospace and defense



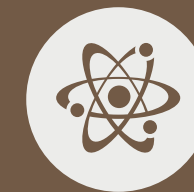
Automotive



Banking, Financial Services and Insurance



Electronics



Energy and utilities



FMCG



Travel and Transportation



Government and education



Healthcare and life sciences



Chemical and petroleum



Communications service providers

Learning by Experience

The Experiential Learning module will take you through all the phases of application development right from understanding various challenges and analyzing requirements of a particular industry, to designing, developing, testing and deploying a suitable solution. Each of these projects focuses on the Software Development Life-Cycle (SDLC) process and lets you explore the various tools used in each phase of the life cycle. So what you get is an opportunity to apply a chosen application development methodology and understand the workflow in each phase of the SDLC.

1



Choose from a variety of projects designed by IBM experts

2



Detailed process and guidelines document for completion

3



Collaborate in teams with other students working on the same topic

4



Have a dedicated mentor to guide you

5



Get your project evaluated by SMEs

6



Get an individual IBM certification

1

TRAINING IN PRE-REQUISITES

50 HOURS

Programming languages like Java, J2EE and fundamentals in Database Management and SDLC

2

PROJECT KICK-OFF

Introduction to methodology, project report template and artifacts to be submitted

3

ORIENTATION

40 HOURS

IBM tools and technologies used in the projects

4

PROJECT ALLOTMENT

Team formation, SRS document assignment, mentor allocation

5

PROJECT DEVELOPMENT

80 HOURS

Working with an assigned mentor towards developing the relevant project

6

ARTIFACT SUBMISSION

Final project report submission and evaluation by SMEs

The projects are attuned to guiding principles outlined in the ACM & IEEE Computer Society Task Force Report on Computer Curriculum.



Our experts will guide you with:

- Abstract/Synopsis of the functional, non-functional requirements, tools and technologies to be used, higher level project description
- SRS/Use Case documents: providing the scope, assumptions, need and objectives of the application
- Understanding the higher-level requirements of the application in the form of System Context diagram, system level Use Case Diagram, description of use cases
- Sample database schema and test cases for elaboration as required for the application
- Specific challenges in the chosen industry/domain, showing how they can be addresses using automation and technology

