Programming for Mobile & Web Technologies: Specialization Web App Development (AEC)

Delivery methodology: instructor-led, hands-on, classroom training.
Duration: 1 Year (includes project or internship)   Tuition: $12,000

Program Overview

This intensive AEC course is the most sought after in the programming community. It has been designed to equip you with programming knowledge about various mobile and web platforms.

Programmers typically write, modify, integrate and test computer code for internet-based web applications and mobile applications. The primary objective is to study an organization's business needs and design information systems solutions to help the organization operate more efficiently and effectively.

The outlook for programming is robust considering the ever evolving needs of companies to revamp and redevelop their existing systems and build new applications. This means that programmers will have to keep abreast of changing programming languages and techniques. This program introduces you to most such techniques prevalent in the current scenario, making you object-oriented.

Courses Covered

- Introduction to web design : Intros & defining web projects, Community Support for Development,Web Images and an Intro to Illustrator, Illustrator: Paths, Curves & Symbols, Responsive Web Design, Forms, Wireframes & Design Project

- Mobile & Responsive Web Design with HTML, CSS & Javascript : HTML – Bones of the site, CSS – Styling of site, Javascript – Bringing the interface to life.
- Mobile & Responsive Web Design with HTML, CSS & Javascript (II) : Intro to Showcase Project & Integration, b. Showcase Layout Integration Cont'd, Showcase Layout Integration Cont'd, Building the functional Carousel, Showcase Building the functional Carousel, Showcase See, Showcase Add Team Project.

- Object Oriented Programming and Version Control : Version control, Object Oriented Programming with Javascript,

- Toolchains and Intro to DBs: NodeJS & MongoDB : Exposure to famous industrial open source distributed control system to handle projects with speed, efficiency and lightning fast performance

- Integrating and testing applications : API,Databases,Toolchains,Routs
- Toolchains and developing in AnuglarJS : Developing and front end application AngularJS

- Testing and improving AnuglarJS : Testing Angular JS

- Advanced Styling (SASS) and Application Development Applied (MEAN Stack) : Advance styling with SASS and Form, b. Application Development Architecture AppliedAdvanced Styling and Application Development

Pivotal Features

- Fast-paced progressive program, recognized by Ministère de l'Enseignement supérieur, de la Recherche et de la Science
- The only college providing virtual desktops to each student for at-home tasks

- Collaborative & experiential learning
- Optimum student-to-faculty ratios
- Pragmatic approach to delivery (80% practical sessions)
- Project and internship-based concept application
- Placement assistance through our industry network

- Secondary V or post-secondary education
- One (1) year of full-time employment or experience requiring understanding of any programming language (prerequisite training also available)

Certification

The college grants the students, upon successful completion of the program, an AEC in Programming for Mobile Technologies: Specialization Web App Development.

Selection Criteria

- Aptitude test
- Personal interview

Placement Assistance

We have mutually-beneficial partnerships with companies at all levels who act as headhunters for our college graduates and in turn we ensure to present them with qualified job-ready workforce

Career Options

- Programmer analysts, web developers
- Enterprise web developers
- Mobile application developer
- Mobile interface developer
- Website designer/developer

Why choose us?

- IT academic partnerships with Oracle, Microsoft, Cisco, VMware, CEH, Citrix, EMC^2 ensures industry-relevant curriculum
- Official test center for IT certifications through industry alliances with PROMETRIC and PEARSON VUE
- Short-duration, fast-paced programs enable early entry in the job market
- Instructor-led classroom training augmented with E-learning facilities
- Flexible evening schedule viable for working population
- State-of-the-art equipment and customized labs
- Affordably priced, quality education

Prerequisites & Conditions