



Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Database Administrator



Trainee Software Developer



Software Testers



User Acceptance Tester



Coder



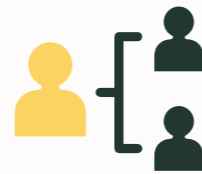
Web Developer



Computer Programmer



Software Developer



Technical Lead



Graduate Software Developer

ART/DESIGN



Intern



Concept Artist



Junior Content Editor



Graphic Designer



Content Editor



UX Designer



Content Producer



Senior Graphic Designer



VR Developer

MUSIC
GAMES
MEDIA
EVENTS
COMPUTING

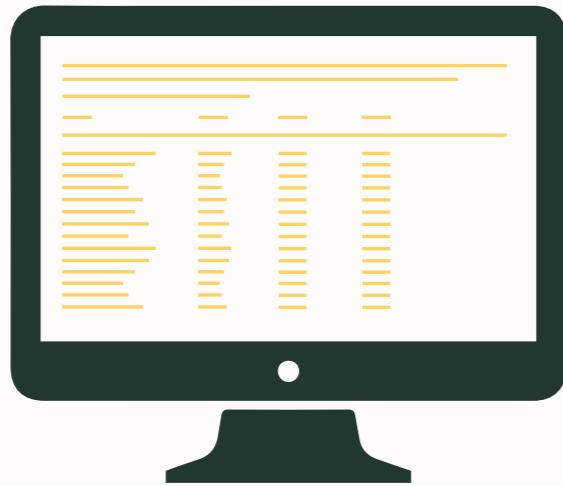


access
creative college



Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Database Administrator

Database administrators ensure databases run efficiently. Database administrators use specialized software to store and organize data, such as financial information and customer shipping records. They make sure that data are available to users and secure from unauthorized access.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Trainee Software Developer

A software Engineer trainee will usually begin his career by performing small programming jobs, working under the close supervision of a software developer or lead programmer. At this point, the software development trainee's responsibilities are more on the level with a computer programmer trainee.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Software Testers

Software testers are involved in the quality assurance stage of software development and deployment. You'll conduct automated and manual tests to ensure the software created by developers is fit for purpose and any bugs or issues are removed within a product before it gets deployed to everyday users.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



User Acceptance Testers

User acceptance testing (UAT) is the last phase of the software testing process. During UAT, actual software users test the software to make sure it can handle required tasks in real-world scenarios, according to specifications.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Coder

To put it simply, computer programmers are responsible for analyzing their clients' business needs and creating technical solutions to solve those business problems. This can encompass a myriad of different tasks, like designing and testing software, writing code, and debugging.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Web Developer

The role is responsible for designing, coding and modifying websites, from layout to function and according to a client's specifications. Strive to create visually appealing sites that feature user-friendly design and clear navigation.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Computer Programmer

Computer programmers write, test, debug, and maintain the detailed instructions, called computer programs, that computers must follow to perform their functions. Programmers also conceive, design, and test logical structures for solving problems by computer.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Software Developer

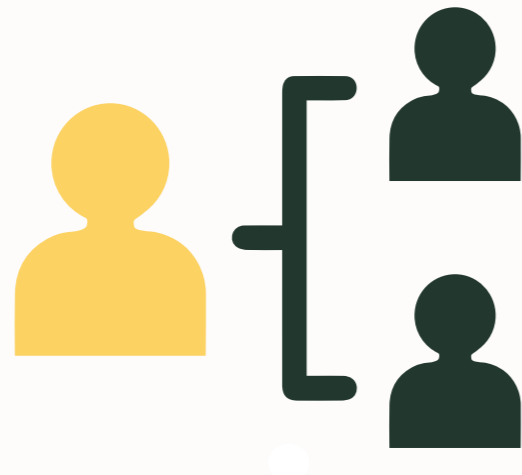
Researching, designing, implementing and managing software programs. Testing and evaluating new programs. Identifying areas for modification in existing programs and subsequently developing these modifications. Writing and implementing efficient code.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Technical Lead

A Tech Lead is a senior engineer responsible for leading a team of software developers to achieve a collective goal. A Tech Lead is learning how to be a strong technical project manager, and as such, they are scaling themselves by delegating work effectively without micromanaging.





Computing Industry Careers Map

SOFTWARE DEVELOPMENT



Graduate Software Developer

Software developers conceive of, design, and build computer programs. Some develop new applications for mobile or desktop use, while others build underlying operating systems. Either way, software developers identify user needs, build programs, test out new software, and make improvements.





Computing Industry Careers Map

ART/DESIGN



Intern

Interns often work for little or no pay, whilst developing skills such as Professionalism. Internships can provide students with the soft skills needed in the workplace and in leadership positions. Skills, such as communication, leadership, problem-solving, and teamwork can all be learned through an internship and utilized beyond that experience. Learn how a professional workplace operates.





Computing Industry Careers Map

ART/DESIGN



Concept Artist

Concept artists work in animation studios, film and video production companies, gaming companies, advertising agencies, graphic design firms, print publications, web design firms, interior design or decorating firms, and even architecture firms.





Computing Industry Careers Map

ART/DESIGN



Junior Content Editor

Content Editors are responsible for all aspects of content, which includes development, design, production, presentation, evaluation and analysis, to name a few. They will use data and feedback from users to help evaluate and enhance the value of a set of written materials and websites.





Computing Industry Careers Map

ART/DESIGN



Graphic Designer

Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers. They develop the overall layout and production design for applications such as advertisements, brochures, magazines, and reports.





Computing Industry Careers Map

ART/DESIGN



Content Editor

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Computing Industry Careers Map

ART/DESIGN



UX Designer (User Experience)

User experience (UX) focuses on having a deep understanding of users, what they need, what they value, their abilities, and also their limitations. UX best practices promote improving the quality of the user's interaction with and perceptions of your product and any related services.





Computing Industry Careers Map

ART/DESIGN



Content Producer

The online producer's (also known as a content producer) responsibility is usually to create, edit, and arrange the text, video, audio, images, and other materials that may be included on a website. Online producers define and maintain the character of a website, as opposed to running it from a technical standpoint.





Computing Industry Careers Map

ART/DESIGN



Senior Graphic Designer

A senior graphic designer is most typically responsible for bringing design solutions to life which adhere to marketing strategies and business goals. They should possess in-depth knowledge of graphic design, styles and layout techniques but also be able to manage people and projects efficiently.





Computing Industry Careers Map

ART/DESIGN



VR Developer

VR programmers write the code for cutting-edge game development. VR, in which a player puts on a headset or goggles and had the sensation of actually stepping into another world, offers a deeper sense of immersion than video games.

