

Tematic și bibliografia orientativă pentru postul de Analist programator ajutor

Tematică:

1. HTML. Structura unui document HTML. Taguri de baza. HTML 4.01 vs. HTML 5. Standarde Web. Validarea documentelor HTML
2. CSS (Conținut și design în programarea web)
3. Responsive Web Design
4. JavaScript. JSON
5. jQuery
6. Ajax. Alte framework-uri client side: Bootstrap, AngularJS.
7. PHP. Accesarea bazelor de date (MySQL) folosind PHP. Apache.
8. Baze de date MySQL.
9. Securitate Web. SQL Injection. Cross Site Scripting. CSRF. Unrestricted file upload
10. Aplicații Web bazate pe tehnologii Java: Java Servlets, JSP, JSTL, custom tags, JSF. Containere Java (Apache Tomcat)
11. Content Managements Systems
12. Pachetul Microsoft Office

Bibliografie orientativă:

1. W3Schools Online Web Tutorials, <http://www.w3schools.com>;
2. Peter Gasston, The Book of CSS3 A Developer's Guide to the Future of Web Design, No Starch Press, 2011;
3. Ben Frain, Responsive Web Design with HTML5 and CSS3 - Second Edition, Packt Publishing, 2015;
4. Riwanto Megosinarso, Step By Step Bootstrap 3: A Quick Guide to Responsive Web Development Using Bootstrap 3, CreateSpace, 2014;
5. Thomas Powell, Ajax: The Complete Reference 1st Edition, McGraw-Hill, 2008;
6. Jon Duckett, JavaScript and JQuery: Interactive Front-End Web Development 1st Edition, Wiley, 2014;
7. Adam Freeman, Pro AngularJS (Expert's Voice in Web Development), Apress, 2014.
8. Andi Gutmans, Stig Saether Bakken, Derick Rethans, PHP 5 Power Programming, Prentice Hall, ISBN 0-131-47149-X, 2004
9. Joel Murach, Michael Urban, Murach's Java Servlets and JSP, 3rd Edition, Mike Murach & Associates, 2014
10. Shing Wai Chan, Rajiv Mordani, Java Servlet Specification 3.1, https://java.net/downloads/servletspec/Final/servlet-3_1-final.pdf, 2013
11. Kin-man Chung, JavaServer Pages Specification, http://download.oracle.com/otn-pub/jcp/jsp-2_3-mrel2-eval-spec/JSP2.3MR.pdf, 2013
12. Hanqing Wu, Liz Zhao, Web Security: A WhiteHat Perspective, Auerbach Publications, 2015
13. Brad Williams, David Damstra, Hal Stern, Professional WordPress: Design and Development, 3rd Edition, Wrox, 2015
14. Eric Enge, Stephan Spencer, Jessie Stricchiola, The Art of SEO: Mastering Search Engine Optimization, 3rd Edition, O'Reilly, 2015

Oricare documentație care se potrivește tematicii.