Record Nr. UNINA9910366656203321

Autore Goericke Stephan

Titolo The Future of Software Quality Assurance [[electronic resource] /] /

edited by Stephan Goericke

Pubbl/distr/stampa Cham, : Springer Nature, 2020

Cham:,: Springer International Publishing:,: Imprint: Springer,,

2020

ISBN 3-030-29509-5

Edizione [1st ed. 2020.]

Descrizione fisica 1 online resource (XXI, 257 p. 58 illus., 47 illus. in color.)

Disciplina 005.1

Soggetti Software engineering

Management information systems

Computer science Software Engineering Software Management

Management of Computing and Information Systems

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto This open acc

This open access book, published to mark the 15th anniversary of the International Software Quality Institute (iSQI), is intended to raise the profile of software testers and their profession. It gathers contributions by respected software testing experts in order to highlight the state of the art as well as future challenges and trends. In addition, it covers current and emerging technologies like test automation, DevOps, and artificial intelligence methodologies used for software testing, before taking a look into the future. The contributing authors answer questions like: "How is the profession of tester currently changing? What should testers be prepared for in the years to come, and what skills will the next generation need? What opportunities are available for further training today? What will testing look like in an agile world that is user-centered and fast-paced? What tasks will remain for testers once the most important processes are automated?" iSQI has been focused on the education and certification of software testers for

fifteen years now, and in the process has contributed to improving the quality of software in many areas. The papers gathered here clearly reflect the numerous ways in which software quality assurance can play a critical role in various areas. Accordingly, the book will be of interest to both professional software testers and managers working in software testing or software quality assurance.