

- | | |
|-------------------------|---|
| 1. Record Nr. | UNIBAS000023802 |
| Autore | Friedman, Philip |
| Titolo | Rage / by Philip Friedman ; based on an original screenplay by Philip Friedman & Dan Kleinman |
| Pubbl/distr/stampa | New York : Atheneum, 1972 |
| Descrizione fisica | 313 p. ; 22 cm. |
| Disciplina | 813.54 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNISA996464401703316 |
| Titolo | Requirements engineering: foundation for software quality : 27th international working conference, refsq 2021, essen, germany, april 12-15, 2021, proceedings // edited by Fabiano Dalpiaz, Paola Spoletini |
| Pubbl/distr/stampa | Cham, Switzerland : , : Springer, , [2021]
©2021 |
| ISBN | 3-030-73128-6 |
| Descrizione fisica | 1 online resource (241 pages) : illustrations |
| Collana | Lecture Notes in Computer Science ; ; v.12685 |
| Disciplina | 005.1 |
| Soggetti | Artificial intelligence |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Intro -- Preface -- Organization -- Keynotes -- Practicing (Whose?) Values: Requirements Engineering as a Catalyst for Technology Justice -- The Challenge(s) of Teaching Requirements Engineering -- What Makes Intelligent Visual Analytics Tools Really Intelligent? -- Contents |

-- Natural Language Processing and Machine Learning -- Is Requirements Similarity a Good Proxy for Software Similarity? An Empirical Investigation in Industry -- 1 Introduction -- 2 Related Work -- 3 Study Design -- 3.1 Study Context -- 3.2 Objective and Research Questions -- 3.3 Data Collection -- 3.4 Language Models for Requirements Similarity -- 3.5 Software Similarity Pipeline -- 3.6 Execution -- 3.7 Data Analysis -- 4 Results -- 5 Discussion -- 6 Threats to Validity -- 7 Conclusion and Future Work -- References -- Automatic Detection of Causality in Requirement Artifacts: The CiRA Approach -- 1 Introduction -- 2 Terminology -- 3 Case Study: Causality in Requirement Documents -- 3.1 Research Questions -- 3.2 Study Objects -- 3.3 Study Design -- 3.4 Study Results -- 3.5 Implications for Causality Detection and Extraction -- 3.6 Threats to Validity -- 4 Approach: Detecting Causal Requirements -- 4.1 Methods -- 4.2 Evaluation Procedure -- 4.3 Experimental Results -- 5 Related Work -- 6 Conclusion and Next Steps -- References -- Improving Trace Link Recovery Using Semantic Relation Graphs and Spreading Activation -- 1 Introduction -- 2 Background -- 2.1 Trace Link Recovery -- 2.2 Knowledge Representation -- 2.3 Existing Approach -- 3 Datasets: Characteristics of Requirements -- 4 Approach Revisions -- 4.1 Knowledge Base Construction -- 4.2 Semantic Search -- 5 Evaluation -- 5.1 Metrics -- 5.2 Results for Datasets -- 5.3 Limitations -- 6 Discussion -- 7 Conclusion -- References -- CORG: A Component-Oriented Synthetic Textual Requirements Generator -- 1 Introduction. 2 Background -- 3 CORG Formal Grammar -- 4 CORG -- 4.1 Content Determination -- 4.2 Textual Structuring -- 4.3 Sentence Aggregation -- 4.4 Lexicalisation -- 4.5 Realisation -- 4.6 Requirements Checking -- 5 Evaluation -- 5.1 Generation Coverage -- 5.2 Time Performance -- 5.3 Diversity Evaluation -- 5.4 Correctness Evaluation -- 5.5 Realisticness Evaluation -- 5.6 Strengths and Limitations -- 6 Related Work -- 7 Conclusion -- References -- Automatically Classifying Non-functional Requirements with Feature Extraction and Supervised Machine Learning Techniques: A Research Preview -- 1 Introduction -- 2 Related Work -- 2.1 Analysis -- 3 Research Investigation -- 3.1 Datasets -- 3.2 Research Methodology -- 4 Preliminary Evaluation -- 4.1 Preliminary Analysis -- 4.2 Preliminary Validation -- 5 Conclusion and Future Work -- References -- RE for AI-Enabled Systems -- AdaptationExplore - A Process for Elicitation, Negotiation, and Documentation of Adaptive Requirements -- 1 Introduction -- 2 Related Work -- 3 Process Overview -- 4 Running Example -- 5 Initial Phase -- 6 Exploration Phase -- 6.1 Situation -- 6.2 Identification of Situations -- 6.3 Situation Analysis with Trigger Questions -- 7 Integration Phase -- 7.1 Situation Integration -- 7.2 Adaptation Analysis and Documentation -- 8 Discussion -- 9 Pilot Study -- 10 Conclusion -- References -- Trustworthy AI Services in the Public Sector: What Are Citizens Saying About It? -- 1 Introduction -- 2 Related Work -- 3 Research Methods -- 3.1 Overview of the Qualitative Study -- 3.2 Study Participants -- 3.3 Data Collection -- 3.4 Data Analysis -- 4 Results -- 4.1 Transparency -- 4.2 Purpose -- 4.3 Data -- 4.4 Core AI Process -- 4.5 Human Involvement -- 4.6 Service Overview -- 5 Discussion -- 5.1 Transparency -- 5.2 Other Requirements -- 5.3 Study Limitations -- 6 Conclusions -- References. Defining Utility Functions for Multi-stakeholder Self-adaptive Systems -- 1 Introduction -- 2 Proposed Approach -- 3 Empirical Study -- 4 Related Work -- 5 Discussion, Conclusion, and Future Work -- References -- Risk-Driven Compliance Assurance for Collaborative AI Systems: A Vision Paper -- 1 Introduction -- 2 Illustrative Example -- 3 Research Challenges -- 4 Research Roadmap -- 5 Conclusion --

References -- From Software to Systems and Services -- Requirements Engineering in the Planning Phase of a Software Ecosystem -- 1 Introduction -- 2 Related Work -- 2.1 Overview of Software Ecosystems -- 2.2 Requirements Engineering in Software Ecosystems -- 3 Research Methods -- 3.1 Research Question -- 3.2 Description of Case SECO -- 3.3 Research Process -- 4 Results -- 4.1 Overview of the Conceptualization Process of Digital Services -- 4.2 High-Level Conceptualization of Digital Services -- 4.3 Detailed Conceptualization of Digital Services -- 4.4 RE Activities of the Conceptualization Process of Digital Services -- 4.5 Challenges in the Conceptualization Process -- 5 Discussion -- 5.1 Requirement Engineering in the Planning Phase of a Software Ecosystem -- 5.2 Threats to Validity -- 6 Conclusions -- References -- Power and Privacy in Software Ecosystems: A Study on Data Breach Impact on Tech Giants -- 1 Introduction -- 2 Theoretical Foundation -- 2.1 Software Ecosystems -- 2.2 Power -- 3 Research Method -- 4 Results -- 4.1 Case 1 - YouTube (Google Ecosystem) -- 4.2 Case 2 - Alexa (Amazon Ecosystem) -- 4.3 Case 3 - Instagram (Facebook Ecosystem) -- 4.4 Case 4 - Siri (Apple Ecosystem) -- 5 Discussion and Conclusion -- 5.1 Implications for Research and Practice -- 5.2 Threats to Validity -- 5.3 Related Work -- 5.4 Future Work -- References -- Iterative and Scenario-Based Requirements Specification in a System of Systems Context -- 1 Introduction. 2 Background -- 2.1 System of Systems Engineering (SoSE) -- 2.2 Example of Application -- 2.3 Scenario Modeling Language for Kotlin (SMLK) -- 3 Scenario-Based Requirements Specification in a System of Systems Context -- 3.1 Inter-system Scenarios -- 3.2 Intra-system Scenarios -- 3.3 Specification Method -- 4 Proof of Concept -- 5 Related Work -- 6 Summary and Outlook -- References -- Specifying Requirements for Data Collection and Analysis in Data-Driven RE. A Research Preview -- 1 Introduction -- 2 Background and Related Work -- 3 Case Study -- 4 User Feedback Requirements and Related Tasks -- 5 Conclusion -- References -- Analysts' Competence and Training -- SaPeer Approach for Training Requirements Analysts: An Application Tailored to a Low-resource Context -- 1 Introduction -- 2 Related Work and Background -- 3 Tailored SaPeer -- 3.1 The SaPeer Approach -- 3.2 Rationale for Tailoring the SaPeer Approach -- 3.3 The Tailored SaPeer Approach -- 4 Research Design -- 4.1 Research Questions -- 4.2 Data Collection and Analysis Procedures -- 4.3 Threats to Validity -- 5 Results -- 6 Conclusions and Further Research -- References -- On Understanding the Relation of Knowledge and Confidence to Requirements Quality -- 1 Introduction -- 2 Background and Related Work -- 3 Research Methodology and Data Collection -- 4 Results of Data Analysis -- 5 Conclusions and Future Work -- Appendix -- References -- Author Index.
