



CONTACTS

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DANIELE BIFOLCO

OVERVIEW

Daniele Bifulco was born in Sarno (SA), Italy, on March 2, 1997. He received his Bachelor's Degree in Computer Engineering from the University of Salerno, Italy, in November 2020, and a Master's Degree in Computer Science from the same University, in July 2023. Daniele started his Ph.D. in Information Technologies for Engineering at the University of Sannio (Benevento), Italy, in December 2023, under the supervision of Prof. Massimiliano di Penta and Prof. Giuseppe Scanniello. The primary focus of his research is the Modeling and Management of Intellectual Property and Privacy in Artificial Intelligence Intensive software systems. His research interests include Mining Software Repositories, Empirical Software Engineering, Artificial Intelligence, and Security in software engineering.

EDUCATION AND TRAINING

University of Sannio

Ph.D. in Information Technologies for Engineering
12/2023 - in course

- Main topic: Modeling and Management of Intellectual Property and Privacy in Artificial Intelligence Intensive software systems
- Advisor: Massimiliano Di Penta, Giuseppe Scanniello

University of Salerno

Master's degree in Computer Science with a specialization in Cybersecurity | 03/2021 - 07/2023

- Title of dissertation: On the Accuracy of the dependency information provided by GitHub
- Final grade: 110/110L

Bachelor's degree in Computer Engineering
09/2016 - 11/2020

- Title of dissertation: Design and Development of REST API as an extension of the BluDev platform.
- Apprenticeship at FarzatiTech

Liceo Classico T.L. Caro - Sarno (SA)
High School Diploma | 2011- 2016

- Graduate of High School of Science - Applied Sciences

PERSONAL SKILLS AND COMPETENCES



- Project management
- Software Developer

LANGUAGES SKILLS

- Spoken Language: Italian
- Other Language: English



OTHER INFORMATION

- Self-employed, with possession of B1 driver's license

SOFT SKILLS

- Autonomy
- Flexibility/Adaptability
- Ability to plan and organize
- Precision/Attention to details
- Learn continuously
- Achievement of objectives
- Entrepreneurial spirit and initiative
- Problem Solving
- Team work
- Leadership

EXPERIENCES

AppChallenge Project

Mobile App Development | SecurePact

- Propose a mobile system enabling the user in the secure storage, retrieving, and sharing of context-aware reserved information. The app visualizes the information both in a Standard interface and Augmented Reality interface in form of Sticky Notes. The application handles the user's reserved information through a hybrid RSA-AES approach.
- Technologies used:
 - ReactNative Framework
 - JavaScript
 - Other

Apprenticeship

Design and Development of REST API as an extension of the BluDev platform

- The personal contribution concerns the design and development of a REST API that enables the BluDev platform to offer its services externally and to integrate with other systems.
- Technologies used:
 - ASP.NET Core Framework
 - C#
 - SQLServer
 - VS Code IDE

Web Software Technologies

Development of a Dynamic Web Site

- Together with my team, we conducted an interview with the client to obtain information about the requirements. Then, we performed a feasibility analysis and cost estimation. Next came design and then development.
- Technologies used:
 - HTML
 - CSS
 - JavaScript
 - PHP
 - SQL

ACKNOWLEDGMENTS

- 1st AppChallenge VIII Edition SecurePact In partnership with ATOS