**Professional Certificates and specialisations**

**Scaled Professional Scrum (SPS)**

Content Provider: Scrum.org, Certification Authority: Scrum.org

Date of certification/attestation: Mai 2021; no expiration date

Certificate ID: 662438

URI: <https://www.scrum.org/user/762608>

**Professional Scrum Product Owner (PSPOI)**

Content Provider: Scrum.org, Certification Authority: Scrum.org

Date of certification/attestation: April 2021; no expiration date

Certificate ID: 655582

URI: <https://www.scrum.org/user/762608>

**Professional Scrum Master (PSMI)**

Content Provider: Scrum.org, Certification Authority: Scrum.org

Date of certification/attestation: January 2021; no expiration date

Certificate ID: 762608

URI: <https://www.scrum.org/user/762608>

**SAS Programmer**

Content Provider: SAS, Certification Authority: Coursera

Date of certification/attestation: June 2020; no expiration date

Certificate ID: K67BH89GTUH5

URI: <https://www.coursera.org/account/accomplishments/professional-cert/K67BH89GTUH5>

**AI Engineering Professional**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: March 2020; no expiration date

Certificate ID: 9c4ae768-e3ab-4407-a3af-3b7bcf9f4d87

URI: <https://www.credly.com/badges/9c4ae768-e3ab-4407-a3af-3b7bcf9f4d87>

**Data Science Professional**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: February 2020; no expiration date

Certificate ID: 91e2825d-9213-4c4a-97de-423129bb8df4

URI: <https://www.credly.com/badges/91e2825d-9213-4c4a-97de-423129bb8df4>

**Courses**

**Digital Transformation**

Content Provider: Boston Consulting Group (BCG), Certification Authority: Coursera

Date of certification/attestation: Mai 2021; no expiration date

Certificate ID: KN29W5GWFEMC

URI: <https://www.coursera.org/account/accomplishments/verify/KN29W5GWFEMC>

**Practical SAS Programming**

Content Provider: SAS, Certification Authority: Coursera

Date of certification/attestation: June 2020; no expiration date

Certificate ID: FDTG46Z2Q4Y4

URI: <https://www.coursera.org/account/accomplishments/verify/FDTG46Z2Q4Y4>

**Doing More with SAS Programming**

Content Provider: SAS, Certification Authority: Coursera

Date of certification/attestation: Mai 2020; no expiration date

Certificate ID: D74628QPEP7U

URI: <https://www.coursera.org/account/accomplishments/verify/D74628QPEP7U>

**Getting Started with SAS Programming**

Content Provider: SAS, Certification Authority: Coursera

Date of certification/attestation: Mai 2020; no expiration date

Certificate ID: KQCZ7L885PR4

URI: <https://www.coursera.org/account/accomplishments/verify/KQCZ7L885PR4>

**Building Deep Learning Models with TensorFlow**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: February 2020; no expiration date

Certificate ID: DSU4BY3DYJWN

URI: <https://www.coursera.org/account/accomplishments/verify/DSU4BY3DYJWN>

**Deep Neural Networks with PyTorch**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: February 2020; no expiration date

Certificate ID: SRXWVCNKCBCJ

URI: <https://www.coursera.org/account/accomplishments/verify/SRXWVCNKCBCJ>

**Introduction to Deep Learning & Neural Networks with Keras**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: February 2020; no expiration date

Certificate ID: BZRGNTF64ASW

URI: <https://www.coursera.org/account/accomplishments/verify/BZRGNTF64ASW>

**Scalable Machine Learning on Big Data using Apache Spark**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: February 2020; no expiration date

Certificate ID: B9YQCH798SRQ

URI: <https://www.coursera.org/account/accomplishments/verify/B9YQCH798SRQ>

**Data Analysis with Python**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: January 2020; no expiration date

Certificate ID: RGD8SSH7WSMG

URI: <https://www.coursera.org/account/accomplishments/verify/RGD8SSH7WSMG>

**Data Visualization with Python**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: January 2020; no expiration date

Certificate ID: D4VYGFWATKH6

URI: <https://www.coursera.org/account/accomplishments/verify/D4VYGFWATKH6>

**Machine Learning**

Content Provider: Stanford University, Certification Authority: Coursera

Date of certification/attestation: January 2020; no expiration date

Certificate ID: VVU2DB6E3KDL

URI: <https://www.coursera.org/account/accomplishments/verify/VVU2DB6E3KDL>

**Machine Learning with Python**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: January 2020; no expiration date

Certificate ID: EVQMQ67SRGVB

URI: <https://www.coursera.org/account/accomplishments/verify/EVQMQ67SRGVB>

**Data Science Methodology**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: December 2019; no expiration date

Certificate ID: VFEBNVUK7M3S

URI: <https://www.coursera.org/account/accomplishments/verify/VFEBNVUK7M3S>

**Databases and SQL for Data Science**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: December 2019; no expiration date

Certificate ID: Q63KYE83HNZT

URI: <https://www.coursera.org/account/accomplishments/verify/Q63KYE83HNZT>

**English for Business and Entrepreneurship**

Content Provider: University of Pennsylvania, Certification Authority: Coursera

Date of certification/attestation: December 2019; no expiration date

Certificate ID: E3EG6D5S47TH

URI: <https://www.coursera.org/account/accomplishments/verify/Y5K2JNDJCP2S>

**Open Source tools for Data Science**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: December 2019; no expiration date

Certificate ID: E3EG6D5S47TH

URI: <https://www.coursera.org/account/accomplishments/verify/E3EG6D5S47TH>

**Python for Data Science and AI**

Content Provider: IBM, Certification Authority: Coursera

Date of certification/attestation: December 2019; no expiration date

Certificate ID: 2YNDTC28CLPF

URI: <https://www.coursera.org/account/accomplishments/verify/2YNDTC28CLPF>