

CS50 Certificate

CS50 congratulates

**Brandon Wohlwend**

on completion of CS50x,  
including ten problem sets,  
eight labs, and one final project.

Awarded from Cambridge, Massachusetts,  
in the year two thousand twenty-two.

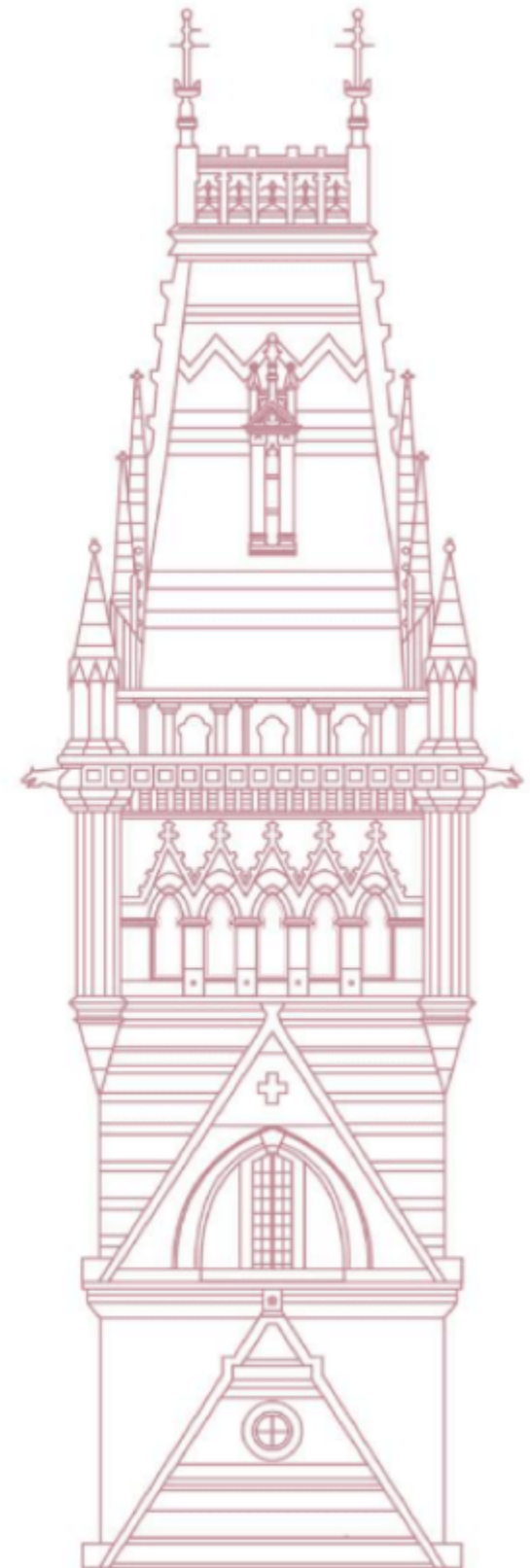


David J. Malan

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/221f6fd9-4d6b-4211-b5b0-40826848550f>



This certifies that  
**Brandon Wohlwend**  
has successfully completed the freeCodeCamp.org  
**JavaScript Algorithms and Data  
Structures**

Developer Certification, representing approximately 300 hours of  
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org



Verify this certification at <https://freecodecamp.org/certification/diegofcn/javascript-algorithms-and-data-structures>



MASSIIVISET AVOIMET VERKKOKURSSIT  
MASSIVE OPEN ONLINE COURSES · MOOC.FI



UNIVERSITY OF HELSINKI  
DEPARTMENT OF COMPUTER SCIENCE

# Brandon Wohlwend

has completed the course

## Java Programming I

which is a part of the course series Java Programming MOOC

This open online course has been held by the Computer Science department of University of Helsinki. For University of Helsinki students the course is equivalent to 5 ECTS.

Erkki Kaila, PhD.  
University Lecturer



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UNIVERSITY OF HELSINKI  
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# Brandon Wohlwend

has completed the course

## Java Programming II

which is a part of the course series Java Programming MOOC

This open online course has been held by the Computer Science department of University of Helsinki. For University of Helsinki students the course is equivalent to 5 ECTS.

Erkki Kaila, PhD.  
University Lecturer



## Abschlusszertifikat

Glückwunsch, Brandon Wohlwend

### Building Your Java Skills

Lernpfad abgeschlossen am Apr 25, 2023 at 01:04PM UTC • 15 Std. 51 Min.

Sie haben mit diesem Lernpfad Ihre Kompetenzen erweitert und dadurch Ihre beruflichen Chancen erhöht.

#### Top-Kenntnisse

Java

Head of Content Strategy,  
LinkedIn Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Zertifikatsnummer: AWo3PazHfTm\_stk3akZNCqzNGfSu



## Abschlusszertifikat

Glückwunsch, Brandon Wohlwend

### Advance Your Java Skills

Lernpfad abgeschlossen am Apr 26, 2023 at 11:39AM UTC • 8 Std. 23 Min.

Sie haben mit diesem Lernpfad Ihre Kompetenzen erweitert und dadurch Ihre beruflichen Chancen erhöht.

#### Top-Kenntnisse

Java

Head of Content Strategy,  
LinkedIn Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Zertifikatsnummer: AT6tVE60j8xdUnNb4z0yQnMFfmit



Amigoscode

## CERTIFICATE OF COMPLETION

Awarded To

**BRANDON WOHLWEND**

Completed

**Getting Started with Spring Boot**

Date: 2022-12-26

**Serial No.**

cert\_rksmxs4k



# Verified Certificate

This is to certify that

**Brandon Wohlwend**

successfully completed and received a passing grade in

**SOE.YDB-SQL0001: Databases: Relational Databases and SQL**

a course of study offered by StanfordOnline, an online learning initiative of Stanford University.

**Stanford** | ONLINE



**Jennifer Widom**

Dean, School of Engineering  
Stanford University



Verified Certificate  
Issued March 15, 2022

Valid Certificate ID  
**3335575da6cf449696c94990d29da5fe**

Please note: some online courses may draw on material from courses taught on-campus but they are not equivalent to on-campus courses. This statement does not affirm that this participant was enrolled as a student at Stanford University in any way. It does not confer a Stanford University grade, course credit or degree.





## PROOF OF COMPLETION

*Congratulations to*

**Brandon Wohlwend**

*for successfully completing*

**M001: MongoDB Basics**

on June 21, 2022

*This Proof of Completion signifies an exemplary level of MongoDB knowledge, and attests that the recipient has passed all chapters to successfully complete this course.*

**Mark Porter**  
CTO  
MongoDB,  
Inc.



 **MongoDB. University**



# **Certificate of Completion**

**Brandon Wohlwend**

successfully completed

**AWS Cloud Practitioner Essentials**

on

3/13/2023



## Abschlusszertifikat

Glückwunsch, Brandon Wohlwend

### AWS Cloud Practitioner werden

Lernpfad abgeschlossen am Mär 08, 2023 at 03:30PM UTC • 4 Std. 57 Min.

Sie haben mit diesem Lernpfad Ihre Kompetenzen erweitert und dadurch Ihre beruflichen Chancen erhöht.

#### Top-Kenntnisse

Amazon Web Services (AWS), Cloud-Computing

Head of Content Strategy,  
LinkedIn Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Zertifikatsnummer: AZSewg1JA1z-DMIfV65ufMv4VpbJ





10-Kurse

What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



Dec 6, 2021

## Brandon Wohlwend

has successfully completed the online, non-credit Professional Certificate

# IBM Data Science

In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

Rav Ahuja  
AI & Data Science  
Program Director  
IBM Skills Network

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/professional-cert/XGEBWCO6RQY8>

# Verified Certificate

This is to certify that

**Brandon Wohlwend**

successfully completed and received a passing grade in

**PH125.8x: Data Science: Machine Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.

HarvardX



**Rafael Irizarry**

Professor of Biostatistics

Harvard T.H. Chan School of Public Health



Verified Certificate  
Issued November 30, 2021

Valid Certificate ID  
**8e09efb8cf35410581c1f8a56a4ce029**

This certifies that

**Brandon Wohlwend**

has successfully completed the freeCodeCamp.org

**Scientific Computing with Python**

Developer Certification, representing approximately 300 hours of  
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org



Verify this certification at <https://freecodecamp.org/certification/diegofcn/scientific-computing-with-python-v7>



**LinkedIn** LEARNING

## Abschlusszertifikat

Glückwunsch, Brandon Wohlwend

### Learning Excel: Data Analysis

Kurs abgeschlossen am Apr 12, 2023 at 11:23AM UTC • 3 Std. 16 Min.

Sie haben mit diesem Lernpfad Ihre Kompetenzen erweitert und dadurch Ihre beruflichen Chancen erhöht.

Head of Content Strategy,  
LinkedIn Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Zertifikatsnummer: AWzvrtoVztJs\_HdRnsXYFy01OKWZ