Stanford



Carlos Ernesto Guestrin

Fortinet Founders Professor and Senior Fellow at the Stanford Institute for Human-Centered AI

Computer Science

Bio

BIO

Carlos Guestrin is a Professor in the Computer Science Department at Stanford University. His previous positions include the Amazon Professor of Machine Learning at the Computer Science & Engineering Department of the University of Washington, the Finmeccanica Associate Professor at Carnegie Mellon University, and the Senior Director of Machine Learning and AI at Apple, after the acquisition of Turi, Inc. (formerly GraphLab and Dato) — Carlos co-founded Turi, which developed a platform for developers and data scientist to build and deploy intelligent applications. He is a technical advisor for OctoML.ai. His team also released a number of popular open-source projects, including XGBoost, LIME, Apache TVM, MXNet, Turi Create, GraphLab/PowerGraph, SFrame, and GraphChi.

Carlos received the IJCAI Computers and Thought Award and the Presidential Early Career Award for Scientists and Engineers (PECASE). He is also a recipient of the ONR Young Investigator Award, NSF Career Award, Alfred P. Sloan Fellowship, and IBM Faculty Fellowship, and was named one of the 2008 ‘Brilliant 10’ by Popular Science Magazine. Carlos’ work received awards at a number of conferences and journals, including ACL, AISTATS, ICML, IPSN, JAIR, JWRPM, KDD, NeurIPS, UAI, and VLDB. He is a former member of the Information Sciences and Technology (ISAT) advisory group for DARPA.

ACADEMIC APPOINTMENTS

- Professor, Computer Science
- Senior Fellow, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Bio-X

LINKS

- My faculty website.: http://guestrin.stanford.edu

Teaching

COURSES

2025-26

- Ethics of Artificial Intelligence: CS 281 (Spr)
- Machine Learning: CS 229, STATS 229 (Aut)

2024-25

- Ethics of Artificial Intelligence: CS 281 (Spr)

- Machine Learning: CS 229, STATS 229 (Aut)

2023-24

- Ethics of Artificial Intelligence: CS 281 (Spr)
- Machine Learning: CS 229, STATS 229 (Aut)

STANFORD ADVISEES

Master's Program Advisor

Austin Chen, Sydney Faux, Matt Hsu, Naveen Kannan, Ethan Katz, Sam Lustgarten, Aniket Mahajan, Raunak Sood, Samuel Sun, Eva Tom, Mia Xiao, Cole Yarbrough

Doctoral Dissertation Co-Advisor (AC)

Natalie Dullerud, Isabel Gallegos, Dhruba Ghosh, Rishabh Ranjan, Qinan Yu

Doctoral (Program)

Irena Gao, Siddharth Jha, Liana Patel, Theodora Worledge, Marina Zhang

Publications

PUBLICATIONS

- **A Platform for the Personalized Management of Diabetes and Cardiovascular Disease at Population Scale With Data From Multiple Sensors** *AHA*

  Senanayake, R., Ferstad, J. O., Thapa, I., Giammarino, F., Vasu, M., Zaharieva, D., Prahalad, P., Maahs, D. M., Rosenthal, D. N., Rodriguez, F., Bambos, N., Miller, D., Shin, et al

  2022