

Christian Dallago *November 11, 1992*

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christian@dallago.us • +1.8434109775 • [sacdallago \(Skype\)](#)
[linkedin.com/in/sacdallago](#) • [github.com/sacdallago](#)
Contact me in: English • Italian • German • Spanish

Experience

Rostlab @ TUM (Technische Universität München) Scientific Researcher BIOINFORMATICS, MACHINE LEARNING, SOFTWARE ENGINEERING	MUNICH, GERMANY <i>Feb '19 – Present</i>
Sanderlab @ HMS (Harvard Medical School) Software Engineering Researcher SOFTWARE ENGINEERING, BIOINFORMATICS, MACHINE LEARNING, PROJECT MANAGEMENT	BOSTON, U.S. <i>Jan '18 – Jan '19</i>
Rostlab @ TUM (Technische Universität München) Scientific Collaborator BIOINFORMATICS, MACHINE LEARNING, PROJECT MANAGEMENT	MUNICH, GERMANY <i>Oct '15 – Nov '17</i>
Reebes (Reebes.Land) Software Engineer SOFTWARE ENGINEERING, WEB DEVELOPMENT	BOLZANO, ITALY <i>Oct '14 – Jun '15</i>
UniBZ (Free University of Bolzano/Bozen) Scientific Collaborator SOFTWARE ENGINEERING, PROJECT MANAGEMENT	BOLZANO, ITALY <i>Jul '13 – Jul '14</i>
Zucchitours (Zucchitours S.N.C.) System Administrator SYSTEM ADMINISTRATION, PROGRAM MANAGEMENT	BOLZANO, ITALY <i>Dec '10 – Dec '15</i>

Education

TUM (Technische Universität München) Doctor in Informatics Major: BIOINFORMATICS	MUNICH, GERMANY <i>Oct '17 – (Exp) Oct '21</i>
TUM (Technische Universität München) MSc in Informatics Major: BIOINFORMATICS, MINORS: SOFTWARE ENGINEERING, COMPUTER VISION, GPA: 3.92	MUNICH, GERMANY <i>Apr '15 – Oct '17</i>
UniBZ (Free University of Bolzano/Bozen) BSc in Computer Science and Engineering Major: SOFTWARE ENGINEERING, GPA: 3.63	BOLZANO, ITALY <i>Oct '11 – Oct '14</i>

Exchanges College of Charleston, SC, U.S.A., 2012 (6mo) • Universidad Pontificia de Salamanca, Campus de Madrid, Madrid, Spain, 2013 (6mo) • Nanyang Technological University, Singapore, 2016 (6mo) • Harvard Medical School, MA, U.S.A., 2018 (1y)

Expertise

- 5+ years project and team management in the context of academia and industry.
 - Full stack web development in JavaScript.
 - Agile derived software engineering methodologies.
 - UI-design and UX-study for web applications in academia and industry.
 - Machine learning in Python and frameworks such as scikit-learn and Tensorflow.
 - Software development in Python, Swift, Java, C++, SWI-Prolog and others.
 - Linux administration: Bash, SQL, virtualization/cloud (Vagrant, VMware, OpenNebula, Docker and EC2).
 - Automatic deployment and continuous integration frameworks using Docker, TravisCI, in conjunction with cloud services such as Microsoft Azure and Google Cloud Platform.
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Publications

CellMap visualizes protein-protein interactions and subcellular localization [Christian Dallago](#), Tatyana Goldberg, Miguel Angel Andrade-Navarro, Gregorio Alanis-Lobato, Burkhard Rost

F1000 Research - 2018 - [10.12688/f1000research.12707.2](https://doi.org/10.12688/f1000research.12707.2)

The EVcouplings Python framework for coevolutionary sequence analysis Thomas A Hopf, Anna G Green, Benjamin Schubert, Sophia Mersmann, Charlotta PI Schaerfe, John B Ingraham, Agnes Toth-Petroczy, Kelly Brock, Adam Riesselman, Chan Kang, [Christian Dallago](#), Chris Sander, Debora S Marks

Bioinformatics - 2018 - [10.1093/bioinformatics/bty862](https://doi.org/10.1093/bioinformatics/bty862)

Modeling the Language of Life - Deep Learning Protein Sequences Michael Heinzinger, Ahmed Elnaggar, Yu Wang, [Christian Dallago](#), Dmitrii Nachaev, Florian Matthes, Burkhard Rost

BioRxiv - 2019 - [10.1101/614313](https://doi.org/10.1101/614313)

Pathway Commons: 2019 Update Igor Rodchenkov, Ozgun Babur, Augustin Luna, Bulent Arman Aksoy, Jeffrey V. Wong, Dylan Fong, Max Franz, Metin Can Siper, Manfred Cheung, Michael Wrana, Harsh Mistry, Logan Mosier, Jonah Dlin, Qizhi Wen, Caitlin O'Callaghan, Wanxin Li, Geoffrey Elder, Peter T. Smith, [Christian Dallago](#), Ethan Cerami, Benjamin Gross, Ugur Dogrusoz, Emek Demir, Gary D. Bader, Chris Sander

BioRxiv - 2019 - [10.1101/788521](https://doi.org/10.1101/788521)

Teaching

Javascript technology Technical Univeristy of Munich - Spring 2016

Javascript technology Technical Univeristy of Munich - Fall 2016

Javascript technology Technical Univeristy of Munich - Spring 2017

Javascript technology Technical Univeristy of Munich - Fall 2017

Web App Development with the Power of Node.js MOOC via edX and the Technical University of Munich

Protein Prediction I for Computer Scientists Technical University of Munich - Spring 2019

Awards and Scholarships

IBM Deutschlandstipendium Scholarship for extraordinary students, 2015/2016

IBM Deutschlandstipendium Scholarship for extraordinary students, 2016/2017

Grant for Junior Leaders, Software Campus German Federal Ministry of Education and Research + Merck, 2020-2022

Media

'A Song of Ice and Data': students create death prediction software for Game of Thrones [The Guarian](#)

From Google Summer of Code to Game of Thrones on the Back of a JavaScript Dragon [Google](#) [Open Source Blog](#)

This Computer Algorithm Predicted Who Will Die Next on Game of Thrones [TIME](#)

Diese "Game of Thrones"-Figuren sind in Lebensgefahr [WELT](#)