

Curriculum Vitae

Contact information

Name: Richel J.C. Bilderbeek
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Personal information

Date of birth: the 2nd September of 1980
Place of birth: Milsbeek, The Netherlands
Gender: Male
Homepage: <http://www.richelbilderbeek.nl>
Nationality: Dutch

Education

Period	Education	Diploma
2011	Company safety (BHV)	Yes
2010	SolidWorks basics	Yes
2007-2008	University Centre for Learning & Teaching, Groningen	Yes
2006	Factory safety (VCA)	Yes
2006	Basics of forging	Yes
2006	Basics of welding	Yes
2000	Safe microbiological techniques (VMT), University of Groningen	Yes
1999-2005	University of Groningen, Biology, focus on Theoretical Biology	Yes
1991-1998	VWO, Pax Christi College, Druuten	Yes
1990	Programming in BASIC	Yes

Work experience

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Function

- 24 Freelance researcher (future work): development of a generic experimental game theory server with, among others, MSc Lucas Molleman from the Theoretical Biology group at the University of Groningen.
- 23 Freelance researcher: improving an algorithm in C++ to calculate the probability of a certain phylogeny in cooperation with Dr. Rampal Etienne from the Community and Conservation Ecology group at the University of Groningen.
- 22 Light- and soundtechnician (voluntarily): ensuring profession lighting and sound for bands or theatre plays for the Prinsentheater in Groningen.

- 21 Freelance researcher: improving the speed of an algorithm in C++ to calculate the probability of a binary phylogeny in cooperation with Dr. Rampal Etienne from the Community and Conservation Ecology group at the University of Groningen.
- 20 Freelance stagecraft workshops supervisor: teaching and making a team of secondary school students do the entire stagecraft of a presentation as a member of the ROET (Arnhem) crew.
- 19 Teacher in biology, physics/chemistry and stagecraft: educating third and fourth year secondary school students from the levels of BBL, KBT and TL in the subjects of biology, physics/chemistry and stagecraft at VMBO 't Venster, Arnhem.
- 18 Freelance researcher: improving an algorithm in C++ to calculate the probability of a certain phylogeny in cooperation with Dr. Rampal Etienne from the Community and Conservation Ecology group at the University of Groningen.
- 17 C++ trainer: improving the C++ knowledge of beginner and advanced programmers with a tailor-made training for DTS, Meppel.
- 16 LIO ('Teacher In Education') in biology and science: educating first, third and fourth year secondary school students from the levels of TL and VWO in the subjects of biology and science, under the supervision of Maurits Dijkstra at Belcampo, Groningen.
- 15 Programmer: maintaining and improving the source code of an insurance system written in C, CL, Prolog and embedded SQL for DTS, Meppel.
- 14 Freelance researcher: developing individual-based simulations in C++ about honest signaling with Dr. T.Veen at Theoretical Biology at the University of Groningen.
- 13 Freelance course supervisor, -developer and teacher 'C++ for biologists': improving, supervising and teaching the course 'C++ for biologists' with Dr. G.S.Van Doorn for Theoretical Biology at the University of Groningen.
- 12 Freelance software developer: developing an application in C++ that executes the administrators' daily startup routine automatically for Transcom Worldwide, Groningen.
- 11 Freelance software developer: developing an application in C++ that reformats Excel sheets automatically, for Transcom Worldwide, Groningen.
- 10 Freelance researcher: developing an individual-based simulation in C++ about cross-species mating with Dr. C.Wiley at Theoretical Biology at the University of Groningen.
- 9 Student researcher in theoretical biology: developing individual-based simulations in C++ about the influence of phenotypic plasticity on population dynamics under the supervision of Dr. R.Payne at the University of Bristol.
- 8 Freelance researcher: developing a simulation in C++ visualizing the risk of growing GMO's for the Dutch Commission on Genetic Modification in cooperation with Dr. M.W.Kleefsman-Smith, Prof. F.J.Weissing and Dr. R.Bijlsma (from the University of Groningen) for the Commission on Genetic Modification, Bilthoven
- 7 Student researcher in artificial intelligence: developing an intelligent navigational system in C++ for robots under the supervision of Jr.Prof. C.Igel and Dr. I.Iossifidis at the University of Bochum
- 6 Light- and soundtechnician (voluntarily): ensuring profession lighting and sound for bands or theatre plays for the Prinsentheater in Groningen.
- 5 Course supervisor, -developer and teacher 'C++ for biologists': improving, supervising and teaching the course 'C++ for biologists' with Drs. D. Reid for Theoretical Biology at the University of Groningen
- 4 Course developer 'C++ for biologists': developing, supervising and teaching the course 'C++ for biologists' with Drs. H. Verkiel commissioned by prof. F.J.Weissing for Theoretical Biology at the University of Groningen
- 3 Student researcher in theoretical biology: developing an individual-based simulation in C++ about the evolution of hermaphroditism under the supervision of Drs. G.S. van Doorn for Theoretical Biology at the University of Groningen
- 2 Leader homework-camp: Leading a nine-day camp for secondary school students that need

aiding in their courses, for Anderwijs, Utrecht

- 1 Leader homework-camp: Leading a nine-day camp for secondary school students that need aiding in their courses, for Anderwijs, Utrecht

Hobbies

- Composing and performing songs on the piano
- Programming cross-platform tools, simulations and games, both desktop and webapplications
- Handicrafts: welding, forging, sculpturing
- Stagecraft, both light and sound engineering
- Skateboarding
- Studying biology, math, chemistry, physics, astronomy, statistics, quantum mechanics

Language skills

Language	Writing	Speaking
Dutch	Excellent	Native speaker
English	Excellent	Excellent
German	Good	Good

References

Prof. Franjo Weissing
Head of Theoretical Biology group (University of Groningen)
E-mail: ---

Prof. MSO Christian Igel
Professor with special duties at Computer Science group (University of Copenhagen)
E-mail: ---

Dr. Sander van Doorn
Postdoc at Behavioural Ecology (University of Bern)
E-mail: ---

Dr. Thor Veen
Postdoc at the School of Biosciences (University of Exeter)
E-mail: ---