Christoph Sydora

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Education:

Doctor of Philosophy (PhD) in Computing Science   Jan/2020 – Sept/2024
University of Alberta, Canada (GPA: 4.000)
Master of Science (MSc) in Computing Science - Thesis Based Program   Sept/2017 – Sept/2019
University of Alberta, Canada (GPA: 3.925)
Bachelor of Science (BSc) with Specialization in Computing Science **-** Science Internship Program   Sept/2011 – Dec/2016
University of Alberta, Canada (GPA: 3.433)
University Exchange   Mar/2014 – June/2014
University of Sydney, Australia

Selected Work Experience:

Postdoctoral Fellow (PDF)   Oct/2024 – Current
Department of Computing Science, University of Alberta, Canada
Data Scientist   Dec/2024 – Mar/2025
PCL Construction Management Inc., Edmonton Alberta, Canada
Graduate Research Assistant (MSc, PhD)   Sept/2017 – Sept/2024
Department of Computing Science, University of Alberta, Canada
Graduate Teaching Assistant (PhD)   Sept/2021 – Dec/2021, Sept/2022 – Dec/2022, Sept/2022 – Dec/2022
Department of Computing Science, University of Alberta, Canada - CMPUT 312: Robotics and Mechatronics
Graduate Teaching Assistant (PhD)   Jan/2020 – Apr/2020, Sept/2020 – Dec/2020
Department of Computing Science, University of Alberta, Canada - CMPUT 296: Games AI
Undergrad/Graduate Teaching Assistant (BSc, MSc)   Sept/2015 – Dec/2015, Sept/2017 – Dec/2017
Department of Computing Science, University of Alberta, Canada - CMPUT 340: Numerical Methods
Research Assistant   Sept/2016 – Aug/2017
Department of Civil and Environmental Engineering, University of Alberta, Canada
Programmer (BSc)   May/2015 – Aug/2016
Hole School of Construction Engineering, University of Alberta, Canada

Volunteer Experience:

Peer Reviewer for Academic Journals: Automation in Construction, Advanced Engineering Informatics
CSGSA (Computing Science Graduate Students' Association) Member at Large, University of Alberta   Apr/2020 – Apr/2021
GSA (Graduate Students' Association) Councilor Alternate, University of Alberta   Apr/2019 – Aug/2019

Scholarships/Recognitions:

Alberta Graduate Excellence Scholarship	2021 and 2023
FGSR Graduate Student Travel Award	2023
NSERC Postgraduate Scholarship–Doctoral (PGS-D)	2020-2023
President's Doctoral Prize of Distinction	2020-2023
DAAD Postdoc-NeT-AI - AI in Cyber Physical Systems Research Fellowship	2022
Devendra Jindal Graduate Scholarship	2021
J Gordin Kaplan Graduate Student Award	2019
University of Alberta Doctoral Recruitment Scholarship	2019
Department of Computing Science Masters Early Achievement Award – Runner Up	2018
Queen Elizabeth II Graduate Scholarship	2018
IISA 2018 Best Student Paper Award	2018
Dean's Honor Roll University of Alberta	2013 and 2014
Jason Lang Scholarship for Academic Achievement	2012, 2013, and 2014
Rod and Judith Fraser International Undergraduate Learning Award	2013
Alexander Rutherford Scholarship	2011
German Sprachdiplom I and II (Language Proficiency Diploma)	2008