

CHRISTOFFER OLLING BACK

Denmark \diamond U.S.A.

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ORCID ID: 0000-0001-7998-7167

I have diligently pursued scientific and artistic interests in the form of artificial intelligence and glass art. Aside from pursuing these independently, I combine them in the development of novel digital fabrication and algorithmic design technology. Professional and academic references available upon request.

EDUCATION

PhD in Computer Science University of Copenhagen, Denmark	<i>in progress</i>
MSc in Artificial Intelligence University of Edinburgh, UK	<i>2011</i>
BA in Psychology <i>Concentration on AI and HCI</i> Lewis & Clark College, USA	<i>2008</i>

OTHER EDUCATION & AWARDS

Supplementary Coursework: Mathematics Roskilde University, Denmark	<i>2016</i>
Independent Project: " <i>Mathematical Foundations of Probabilistic Topic Modeling</i> " Mathematical Modeling & Dynamic Systems (differential equations) Mathematical Analysis 1 (real analysis)	
Coursera.org Certificates Machine Learning Foundations: A Case Study Approach Machine Learning: Regression Process Mining: Data Science in Action (<i>in progress</i>)	<i>2016-7</i>
BA in Applied Art (Glass) Royal Danish Academy of Fine Art, School of Design, Denmark	<i>2012</i>
Awards & Scholarships Nordea Fonden Scholarship (University of Edinburgh) Dean's Honor List (Lewis & Clark College) Prairie State Academic Achievement Award (Illinois Board of Education)	<i>2010</i> <i>2007</i> <i>2003</i>

PUBLICATIONS

Christoffer Olling Back, Søren Debois, and Tijs Slaats. Towards an Entropy-based Analysis of Log Variability. In *Lecture Notes in Business Information Processing*, 2017.

(Presented at 1st Workshop on Business Process Innovations using Artificial Intelligence, BPM Conference 2017)

WORK EXPERIENCE

Olling Glass (www.ollingglass.com) 2009 - Present
Founder Sj. Odde, Denmark

Design and production of glass products. Currently transitioning from manual production to implementing an automated and flexible glass fabrication technology developed over the past few years. Long term aim is the development of vertically integrated, automated product design and fabrication technology.

Back Electronics A/S 2008 - 2017
Electronics Technician Birkerød, Denmark

Assembling and testing photoelectric sensors for use in industry, agriculture and transportation.

Hempel Glass Museum 2013 - 2014
Demonstrator Nykøbing Sj., Denmark

Conducting glassblowing demonstrations, glass art education, customer service & sales.

Glashytten 2012 - 2013
Production Assistant Nykøbing Sj., Denmark

Production of glass products, demonstrations, promotion & sales.

VOLUNTEER WORK

Geopark Odsherred Streger 2015 - present
Translator Sj. Odde, Denmark

Translation of text from Danish to English for a series of postcards and posters.

Private Families 2014 - 2015
English Tutor Sj. Odde, Denmark

Tutoring of Danish high school students.

Lewis & Clark College Student Cooperative 2006-2008
IT-Coordinator Portland, OR, USA

Maintenance of Linux based desktops for public use as well as a Point of Sale system.

SKILLS

Programming	<i>Java, Python, C, Jason, Matlab, PDDL, OpenSCAD, regex, GNU/Linux</i>
Data Mining	<i>Machine learning, process mining (ProM, etc.), NLP, Weka data mining suite</i>
Academic	<i>Scientific writing, experiment design, L^AT_EX, Gnuplot, PGF/TikZ</i>
Commercial	<i>Product development, entrepreneurship, marketing, accounting, tax compliance</i>
Design, etc.	<i>Glassworking, 3D Printing, Arduino, GIMP, Photoshop, Cinema 4D</i>

LANGUAGE PROFICIENCY

English	Mother tongue	Norwegian	Intermediate	Spanish	Elementary
Danish	Mother tongue	Swedish	Basic	Japanese	Elementary

ART EXHIBITIONS

2010	Galleri Rasch	2013	Laugenes Opvisning
2012	Bornholms Kunstmuseum	2014	Kulturkasernen
2012	Svanekegården	2015	Galleri Juel Verland Art
2012	Danmarks Designskole	2016	Galleri Arta 22
2013	Allé Optik	2016	Laugenes Opvisning
		2018	Galleri Arta 22