Curriculum Vitae

Nicholas Hanson-Holtry

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Education

Brandeis University	Fall 2017 to **Spring 2019**
Master of Arts in **Philosophy**	Boston, Massachusetts

· Thesis: "Reasoning First Rationality"
· Advisors: Dr. Berislav Marušić, Dr. Eli Hirsch
· Philosophy GPA: 4.00/4.00
· Overall GPA: 3.96/4.00

Rice University (Sid Richardson College)	Fall 2012 to Spring 2016
Bachelor of Science in **Computer Science**	Houston, Texas

· Comp Sci GPA: 3.68/4.00
· Overall GPA: 3.61/4.00

Pertinent Coursework

Brandeis University

Department Of Philosophy

Metaethics	EH	in progress	Fall 2018
Philosophy Of Action	BM	in progress	Fall 2018
Kant — Pure Reason	KM	in progress	Fall 2018
Hume — Human Nature	JM	in progress – audit	Fall 2018
Self-Knowledge	BM	in progress – audit	Fall 2018
Personal Identity	EH	in progress – audit	Fall 2018
Graduate Seminar: Skepticism	BM	A	Spring 2018
Space & Time	EH	A	Spring 2018
Mathematical Logic	JM	A	Spring 2018
Wittgenstein — Investigations	EH	A	Spring 2018
Descartes, Spinoza, & Leibniz	JM	audit	Spring 2018
Philosophy Of Mind	JS	audit	Spring 2018
Idea Of God	PY	audit	Spring 2018
Existentialism	BM	A	Fall 2017
Graduate Seminar: Proseminar	AT	A	Fall 2017
Hegel — Phenomenology Of Spirit	YS	A	Fall 2017
Ethics & Emotions	KM	A	Fall 2017

other departments

Marx, Nietzsche, & Radicalism	BY	A-	Fall 2017

<u>Rice University</u>

<u>Department Of Philosophy</u>

Continental Philosophy	SC	A−	Spring 2016
History Of Philosophy	CS	B+	Fall 2013
Social & Political Philosophy	GS	A−	Spring 2013

<u>Department Of Computer Science</u>

Advanced Topics In Object-Oriented Design	SW	B	Spring 2016
Advanced Computer Game Creation	JW	B+	Spring 2016
Tools & Models For Data Science	CJ	A	Fall 2015
Functional Programming	EA	A	Fall 2015
Operating Systems & Concurrent Programing	DJ	B	Spring 2015
Introduction To Computer Security	DW	A+	Spring 2015
Reasoning About Algorithms	SC	A	Fall 2014
Compiler Construction	KC	A−	Fall 2014
Introduction To Object-Oriented Design	SW	A	Fall 2014
Principles Of Parallel Programming	VS	B	Spring 2014
Introduction To Computer Systems	AC	A−	Spring 2014
Introduction To Program Design	CJ	A	Fall 2013
Algorithmic Thinking	LN	A−	Spring 2013
Computational Thinking	DS	A	Fall 2012

<u>other departments</u>

Linear Algebra	ME	A	Fall 2013
Multivariable Calculus	NK	A−	Spring 2013
Fundamentals Of Computer Engineering	JC	B−	Spring 2013
Introduction To Computational Engineering	SC	A+	Fall 2012

Standardized Test Scores

GRE   November 2015

· Writing:	4.5/6.0	(80th percentile)
· Verbal:	161/170	(87th percentile)
· Quantitative:	164/170	(88th percentile)

SAT $2,300/2,400$ October 2011

· Writing:	760/800	(99th percentile)
· Reading:	790/800	(99th percentile)
· Mathematics:	750/800	(97th percentile)

Miscellaneous Personal Information

preferred gender pronouns: "they/them/their"

citizenship/nationality: USA

Teaching Experience

Brandeis University

Department Of Philosophy

Neuroethics	Fall 2018

with Dr. Brendan Cline
· Taught class when the professor was unavailable.
· Held office hours, graded assignments+exams, etc.

Aesthetics	Spring 2018

with Dr. Andreas Teuber
· Held office hours, graded assignments+exams, etc.

Rice University

Department Of Applied Mathematics

Introduction To Computational Engineering	Spring 2013 to Spring 2016

with Dr. Steven Cox, Dr. Franklin Kenter, Dr. Illya Hicks
· Taught class when the professor was unavailable.
· Taught 1 recitation of ∼15 students ∼1 time/week.
· Created and assigned 2 original homework assignments.
· Held office hours, graded assignments+exams, etc.

Department Of Computer Science

Principles Of Parallel Programming	Spring 2015, Spring 2016

with Dr. Vivek Sarkar, Dr. Eric Allen
· Held office hours, graded assignments+exams, etc.

Reasoning About Algorithms	Fall 2015

with Dr. Swarat Chaudhuri
· Taught 1 recitation of ∼10 students ∼2 times/week.
· Held office hours, graded assignments+exams, etc.

Computational Thinking	Fall 2013, Fall 2014

with Dr. Scott Rixner
· Taught 1 recitation of ∼15 students ∼3 times/week.
· Held office hours, graded assignments+exams, etc.

Varsity Tutors	Fall 2016 to Summer 2017
Private Contractor / Certified Tutor	online + Miami, Florida

· Tutored high school and undergraduate students in a variety
  of subjects, ranging from writing to coding to SAT test prep.

Academic Research Experience

Rice University

Department Of Philosophy

Dr. Timothy Schroeder   Summer 2016 to Summer 2017
- Prototyped an open-source website (and accompanying database)
  of assertions and arguments made by professional philosophers.

Department Of Computer Science

Dr. Swarat Chaudhuri   Summer 2015 to Fall 2015
- Investigated a computational definition of ethical fairness.
- Investigated formal methods assurances of fairness.
- Investigated post hoc verification of fairness.

Dr. Vivek Sarkar   Spring 2015
- Investigated optimal parallel `map` implementations.
- Contributed to the parallel computing suite Habanero Java.

Dr. Luay Nakhleh   Summer 2014
- Investigated introgressed genes in the *mus musculus* genome.
- Applied clustering algorithms to protein-protein interaction
  network data to confirm previously identified genome patterns.
- Identified previously unknown introgressed gene candidates.

Dr. Devika Subramanian   Spring 2013
- Applied machine learning algorithms to medical data.

Professional Work History

The OpenDota Project (www.opendota.com)   Fall 2014 to **present**
Co-Founder / DevOps / Public Relations   online
- Writes and edits blog posts, as needed.
- Trained in site maintenance and administration.
- Involved in initial planning of site.

Shepherd Artisan Coffee   Fall 2016
Barista   Miami, Florida
- Learned to make cappuccinos.

Jones McClure Publishing   Summer 2013
Software Development Intern   Houston, Texas
- Prototyped a mobile version of the existing desktop website.

Tualatin Hills Park & Recreation District   Summer 2010 to Summer 2012
Swim Coach / Swim Instructor / Lifeguard   Portland, Oregon
- Coached the swim team; taught swim lessons; guarded lives.

Extracurricular Activities

Rice University Queer Resource Center   Fall 2014 to Spring 2016
Co-Founder / First President   Houston, Texas
· Wrote a successful funding proposal to the Rice Undergraduate Student
  Association and was approved by the student body to receive $5,000.
· Facilitated discussion among ~20 disparate committees ~2 times/month.
· Headed the Sexual Assault Committee, co-headed Ally Training Committee,
  worked to hire a part-time staff person to support the Center, investigated
  founding a queer support group, and created the Center's website.

Out for Undergrad Technology Conference   25-27 September 2015
Student Participant (selected by admissions committee)   San Francisco, California
· Attended the conference (which is dedicated to helping
  high-achieving LGBTQ+ undergraduates in technological
  STEM fields reach their full potential in their careers).

Sid Richardson College Academic Fellows Program   Fall 2014 to Spring 2016
Academic Fellow (Computer Science)   Houston, Texas
· Held "open office hours" in which any student in any class
  could get help on any topic (related to computer science).
· Taught various "workshops" (related to computer science).
· Oversaw computer science fellowship within the college.

Rice University Peer Academic Advisor Program   Spring 2013 to Spring 2016
Academic Advisor   Houston, Texas
· Academically advised students within the college.

Rice University Student Ambassador Program   Spring 2013 to Spring 2016
Student Ambassador   Houston, Texas
· Gave tours of the university to "distinguished" guests.

Awards And Honors

Max Kade Travel Grant	Summer 2018
Brandeis GSAS Scholarship Grant	Fall 2017
Sid Richardson Athenian Award	Spring 2016
Rice Alumni Pride Award	Fall 2015
President's Honor Roll	Fall 2014, Fall 2015
John and Harriet Millington Scholarship	Fall 2014, Fall 2015
Lon Wilson Service Award	Spring 2015
Genevieve Parkhill Lykes Scholarship	Fall 2014
Bracht-Verlander Scholarship	Fall 2012
National Merit Quarterfinalist	Spring 2012
AP Scholar with Honor	Spring 2012
National Honor Society	2011 to 2012