Curriculum Vitae

Nicholas Hanson-Holtry

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Education

Brandeis University   Boston, Massachusetts
Master of Arts in **Philosophy**   Fall 2017 to **Spring 2019**
· 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 (SRC)   Houston, Texas
Bachelor of Science in **Computer Science**   Fall 2012 to Spring 2016
· Comp Sci GPA: 3.68/4.00
· Overall GPA: 3.61/4.00

Pertinent Coursework

Brandeis University

Philosophy Department

Course	Type	Instr.	Grade	Term
Morality of Groups	*Graduate Seminar*	MS	?	**Spring 2019**
Philosophy of Mind	*Graduate Seminar*	JS	?	**Spring 2019**
Causation and Explanation		JM	?	**Spring 2019**
Philosophy of Language		EH	?	**Spring 2019**
Aristotle		PY	?	**Spring 2019**
Biomedical Ethics		EH	audit	**Spring 2019**
Infinity		PY	audit	**Spring 2019**
Rationality	*Independent Study*	BM	?	Fall 2018
Philosophy of Action		BM	?	Fall 2018
Metaethics — Parfit		EH	?	Fall 2018
Kant — Pure Reason		KM	?	Fall 2018
Hume — Human Nature		JM	audit	Fall 2018
Personal Identity		EH	audit	Fall 2018
Self-Knowledge		BM	audit	Fall 2018
Neuroethics		BC	audit	Fall 2018
External World Skepticism	*Graduate Seminar*	BM	A	Spring 2018
Space and Time		EH	A	Spring 2018
Mathematical Logic		JM	A	Spring 2018
Wittgenstein — Investigations		EH	A	Spring 2018
Descartes, Spinoza, and Leibniz		JM	audit	Spring 2018

Philosophy of Mind	JS	audit	Spring 2018
Idea of God	PY	audit	Spring 2018
Existentialism — The French	BM	A	Fall 2017
Hegel — Phenomenology of Spirit	YS	A	Fall 2017
Ethics and Emotions	KM	A	Fall 2017
Proseminar *Graduate Seminar*	AT	A	Fall 2017

other departments

The Buddha	YF	audit	**Spring 2019**
History of Photography	PK	audit	**Spring 2019**
Marx, Nietzsche, and Radicalism	BY	A-	Fall 2017

Rice University

Philosophy Department

Continental Philosophy	SC	A-	Spring 2016
History of Philosophy	CS	B+	Fall 2013
Social and Political Philosophy	GS	A-	Spring 2013

Computer Science Department

Advanced Topics in Object-Oriented Design	SW	B	Spring 2016
Advanced Computer Game Creation	JW	B+	Spring 2016
Tools and Models for Data Science	CJ	A	Fall 2015
Functional Programming	EA	A	Fall 2015
Operating Systems and 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

other departments

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

Teaching Experience

<u>Brandeis University</u>

<u>Philosophy Department</u>

Biomedical Ethics   **Spring 2019**
with Dr. Eli Hirsch
· Held office hours, graded assignments+exams, etc.

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.

<u>Rice University</u>

<u>Applied Math Department</u>

Introduction To Computational Engineering   Spring 2013 to Spring 2016
with Dr. Steven Cox, Dr. Franklin Kenter, and Dr. Illya Hicks
· Taught class when the professor was unavailable.
· Taught 1 recitation of $\sim$15 students $\sim$1 time/week.
· Created and assigned 2 original homework assignments.
· Held office hours, graded assignments+exams, etc.

<u>Computer Science Department</u>

Principles of Parallel Programming   Spring 2015, Spring 2016
with Dr. Vivek Sarkar and Dr. Eric Allen
· Held office hours, graded assignments+exams, etc.

Reasoning About Algorithms   Fall 2015
with Dr. Swarat Chaudhuri
· Taught 1 recitation of $\sim$10 students $\sim$2 times/week.
· Held office hours, graded assignments+exams, etc.

Computational Thinking   Fall 2013, Fall 2014
with Dr. Scott Rixner
· Taught 1 recitation of $\sim$15 students $\sim$3 times/week.
· Held office hours, graded assignments+exams, etc.

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

Philosophy Department

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

Computer Science Department

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

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

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

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

Extracurricular Activities

Rice University Queer Resource Center — Houston, Texas
Co-Founder / First President — Fall 2014 to Spring 2016
· 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 — San Francisco, California
Student Participant (selected by admissions committee) — 25-27 September 2015
· 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 — Houston, Texas
Academic Fellow (Computer Science) — Fall 2014 to Spring 2016
· 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 — Houston, Texas
Academic Advisor — Spring 2013 to Spring 2016
· Academically advised students within the college.

Rice University Student Ambassador Program — Houston, Texas
Student Ambassador — Spring 2013 to Spring 2016
· 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

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)

Language Proficiency

natural languages
· native/fluent: English
· moderate: Spanish, American Sign Language
· minimal: Latin

programming languages
· fluent: Java, Python, C, JS(/HTML/CSS), SQL, Matlab
· moderate: Scala, VB.Net

Miscellaneous Information

preferred gender pronouns: "they/them/their"

citizenship/nationality: USA