Dr. Jacob W. Archambault

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Object-oriented programmer with research background in philosophy and mathematical logic.

EDUCATION

Ph.D., philosophy	Fordham University. August 2017. Dissertation: 'The development of the medieval Parisian account of formal consequence'.

TECH CERTIFICATIONS

Front-end web development	*Code Louisville*. Fall 2018. Received certification for proficiency in HTML5, CSS, and JavaScript languages. Includes proficiency with JQuery and Bootstrap libraries, Flexbox module, and the principles of responsive web design.
Java	*Code Louisville*. Spring 2019. Obtained proficiency with Java, Intellij Idea, Spring, JavaFX, and related technologies (in progress).
Python/SQL	*Code Louisville*. Spring 2019. Granted for proficiency in Python, SQL, and related technologies (in progress).

ADDITIONAL EXPERIENCE

Ontology/Language Teacher	Aug 2017 – May 2018. Highlands Latin School, Louisville, KY. Taught college-level material in Latin, metaphysics, and classics to students at advanced private high school. Led high school metaphysics students to fully reconstruct arguments and critically explicate texts from Plato, Aristotle, Thomas Aquinas, and others, improving student learning outcomes while simultaneously decreasing student workload. Led middle-school Latin students to translate both from Latin to English and from English to Latin texts, with assignments principally focused on Caesar. Designed syllabi and assignments. Conducted lectures. Assigned grades. 10-20 students per section, 5 sections per trimester.
Researcher	2013-present. Published numerous articles, book contributions, and an edited volume with publishers including Cambridge University Press, Brill, and Springer, and presented papers at prestigious institutions across three continents, primarily in the history and philosophy of logic. A full list of publications and presentations may be viewed at www.jacobarchambault.com/curriculum-vitae.

SKILLS

Programming Languages	Proficiency with Java, JavaScript and Git/Console.

Ontological Engineering	Proficient with semantics and proof calculi for OWL, RDF/RDFS, and SparQL, as well as with Protege ontology editor.
Mathematical logic	Proficient with standard proof calculi and semantics for first- and second-order classical logic, free logic, various normal and non-normal modal logics, many-valued and fuzzy logics, relevant logics, and non-monotonic logics.
Data analysis	Intermediate proficiency with MySQL, Excel, and Google Sheets. Some experience with MongoDB.
LaTeX	Typesetting language used with Biber bibliography software to write a monograph and publish journal articles with mathematical notation, graphs, tables, and automatically generated bibliographies.
Foreign languages	Latin (Full professional proficiency), French (reading fluency, speaking and writing proficiency), German (reading competence), Ancient Greek (elementary reading ability).

SELECT COMPETITIVE FELLOWSHIPS AND GRANTS

Ernst Mach Grant.	Sep 2017-May 2018. University of Salzburg, Institut für Philosophie. Awarded for the project: 'Grounding Logical Consequence'. Supervisor: Prof. Julien Murzi. Financed by the Austrian Agency for International Cooperation in Education and Research (OeAD-GmbH), Centre for International Cooperation & Mobility. Sep 1-May 31. 9,450 €.*
Dissertation Fellowship	Jun 2016 – May 2017, Fordham University Graduate School of Arts and Sciences. Granted to aid completing a dissertation in the history of logic, including translations of previously untranslated early medieval logic texts.
Tomasic Fellowship	Sep 2015 – May 2016, Fordham University Graduate School of Arts and Sciences. Granted to pursue presentation and publication of articles in mathematical logic and medieval philosophy.
Summer Fellowship	Jun 2015 – Aug 2015, Fordham University Graduate School of Arts and Sciences. Granted for data analysis project on manuscripts used to teach logic in medieval France.

*Declined

REFERENCES

Brian Donohue (relation: longtime field colleague. Years known: 12)
Principal Associate Ontologist, Enterprise Data Management
Capitol One
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Graham Priest, Distinguished Professor of Philosophy (Relation: dissertation reader. Years known: 6)
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Joel Amunrud (relation: former co-worker. Years known: 1 ½)
Teacher and IT Director, Highlands Latin School
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Brian Davidson (relation: former co-worker. Years known: 1 ½)
Teacher – Logic, Greek, and Latin, Highlands Latin School
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David Poston (relation: former co-worker. Years known: 10)
IB Chemistry and Theory of Knowledge Teacher, Leman Manhattan Preparatory School
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Gyula Klima, Professor of Philosophy (Relation: dissertation advisor. Years known: 7)
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Stephen Read, Professor Emeritus of History and Philosophy of Logic (Relation: advisor during study abroad stay at the University of St Andrews. Years known: 5)
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