

# Olin M. Robus

Austin, TX  
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🌐 robuso.github.io

## Summary

Ontologist/Knowledge Architect with 12 years experience in ontology and formal modeling. PhD in philosophy specializing in the ontology and pragmatics of the physical sciences.

## Skills

### Formal/Technical

- Semantic Web Standards & Tooling: SPARQL, OWL, RDF/S, PoolParty, Protégé
- Property Graphs and Graph DBs: Neo4j/Cypher, Amazon Neptune, Apache Tinkerpop Gremlin
- Python, SQL, Formal Logic & Set Theory, NLP Extraction & Analysis, etc.

### Data Viz./Communication

- Graph Visualization: Gephi, Cytoscape, yEd
- $\text{\LaTeX}$  typesetting
- Productivity Suite Software
- HTML & CSS

### Development/Leadership

- Public speaking
- Teaching/Continuing Education
- Mentoring
- Strategic planning

## Experience

### Ontologist at Apple — Austin, TX

2021–Present

- High-level design of ontologies.
- Coordination and execution of initiatives to extend ontologies for impact.
- Stakeholder and SME level-setting and requirements gathering.

### Senior / Taxonomy Analyst at Indeed — Austin, TX

2019–2021

- High-level design of ontologies across internal ecosystem.
- Coordination and execution of initiatives to extend ontologies for impact.
- Develop and maintain two principal taxonomies, and maintain ontology layer.
- Research, design, and execute ontology modeling & development.
- Incorporate SME and domain-specific knowledge into ontology.

### Educational Consultant at Summit Prep — Summit, NJ

2018

- Tutor high school students over a range of academic and test prep subjects.
- Achieve high success rates on student's test improvements.
- Work and research with fellow consultants on test prep materials, curriculum, and pedagogy.

### Assistant Editor for the *Philosophy of Science* — University of Washington

2013

- Worked with managing editor to review and publish accepted articles.
- Worked independently to revise and recommend changes to authors.

### Graduate Instructor in Logic and Philosophy — University of Washington

2009–17

- Taught college-level philosophy and formal logic courses.
- Planned and developed course curriculum to achieve specific learning objectives.
- Wrote, revised, and edited course materials aimed at achieving curriculum goals.

### Research Associate at the NASA Astrobiology Institute — Montana State University

2008–09

- Published research in astrobiology. (doi: 10.1007/s11084-010-9210-5)
- Presented at international conferences in Italy and Switzerland.
- Liaised between Philosophy and Biochemistry to improve interdisciplinary research objectives.

## Education

PhD, University of Washington, 2018

DISSERTATION: *Toward a Pragmatic Ontology of Scientific Concepts*

MA, University of Washington, 2011

BA, Montana State University, 2008