# Sean Ovens

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## EDUCATION

**PhD in Computer Science** | University of Toronto         Sept 2019 - Present
**MSc. in Computer Science** | University of Calgary         Sept 2017 - Jun 2019
**BSc. in Computer Science** | University of Calgary         Sept 2013 - Jun 2017

## TEACHING

**Teaching Assistant** | University of Toronto         Sept 2019 - Present
- CSC265: Enriched Data Structures and Analysis (F2022)
- CSC263: Data Structures and Analysis, Head TA (W2021, W2022)
- CSC2221: Introduction to the Theory of Distributed Computing (F2020, F2021)
- CSC236: Introduction to the Theory of Computing (F2019, W2020, S2020)

**Instructor** | University of Toronto         May 2022 - Aug 2022
- CSC263: Data Structures and Analysis, (S2022)

**Teaching Assistant** | University of Calgary         Sept 2017 - Jun 2019
- CPSC319: Data Structures, Algorithms, and their Applications (W2019)
- CPSC413: Design and Analysis of Algorithms I (W2018, S2018)
- CPSC313: Introduction to Computability (F2017)

## PUBLICATIONS

- Sean Ovens. 2022. **The Space Complexity of Scannable Objects with Bounded Components**. DISC '22.
- Sean Ovens. 2022. **The Space Complexity of Consensus from Swap**. PODC '22. *Received the Best Paper Award*.
- Sean Ovens. 2021. **The Space Complexity of Scannable Binary Objects**. PODC '21.
- Sean Ovens and Philipp Woelfel. 2019. **Strongly Linearizable Implementations of Snapshots and Other Types**. PODC '19.

## AWARDS AND SCHOLARSHIPS

**Academic and Teaching**
- Ontario Graduate Scholarship, University of Toronto (F2020 - S2021)
- Computer Science TA Excellence Award, University of Calgary (W2018)
- Department Research Award, University of Calgary (2017, 2018)
- Dean's List, Faculty of Science, University of Calgary (2013 - 2016)
- Jason Lang Scholarship, University of Calgary (2014, 2015, 2016)

**Competitive Programming**
- 5th place, Calgary Collegiate Programming Contest (2018)
- 6th place, Rocky Mountain Regional Programming Contest (2016)
- 2nd place, Calgary Microsoft College Code Competition (2016)