

Cole Perschon

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coleperschon.com

EDUCATION

University of Utah

2016-present

B.S. in Computer Science

B.S. in Applied Mathematics

RESEARCH EXPERIENCE

University of Utah

Dec. 2019-present

Undergraduate Research Assistant

Mentor: Blair D. Sullivan

Theory in Practice Group – Structural Rounding, a framework and software package for approximating optimization problems on graphs near structural classes.

PROFESSIONAL EXPERIENCE

L3Harris

May-Dec. 2019

Software Engineer Co-op

User Interface and Simulation Software Team, user-interfaces and network communication models for proprietary MIL-SPEC hardware and government aeronautical assets.

SOFTWARE

- Brian Lavallee, Matthew Hooper, and Cole Perschon. **Structural Rounding v2.0**
Update for publication *Approximating Vertex Cover using Structural Rounding* (ALENEX 2020).

HONORS & AWARDS

- **UROP Recipient**, University of Utah, Spring 2020.
- **J. Willard Marriott Scholars**, *1/5 awarded nationally*, 2018.
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- **Utah Flagship Scholarship**, *Merit-based*, 2016.