

Reyno Tilikaynen 3A Computer Science/Combinatorics & Optimization U. of Waterloo		
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Education

- University of Waterloo – Candidate for Bachelor of Math** 2015-2020
- Double Major in Computer Science and Combinatorics and Optimization.
 - Maintain a 4.0 GPA/98% average.
 - President's Scholarship, Faculty of Mathematics Scholarship, and Wish Scholarship.

Experience

- Waterloo Faculty of Math - Research Assistant** May - August 2017
- Studying Algebraic Enumeration and Graph Theory.
 - Creating a combinatorial proof enumerating the spanning trees of the hypercube graph.
- Google - Software Engineering Intern** May-August 2016
- Worked on the Inbox SmartMail team to improve calendar integration.
 - Was responsible for introducing RSVP support for third-party events.
 - Developed Inbox backend to introduce new calendar features, used Java/C++/JS.
 - Coordinated with Inbox and Calendar teams to launch the RSVP feature.

Achievements

- Google Distributed Code Jam - Round 2 (Top 500)** 2017
- CodeJam is an international programming contest with over 25,000 participants.
- William Lowell Putnam Competition - Top 500** 2016
- The Putnam contest is North America's most prestigious collegiate math competition.
- Jane Street ETH1 Hackathon - 1st Place** 2016
- Created a stock trading bot which competed against others in a virtual marketplace.
- Canadian Computing Olympiad - Silver Medal (Top 10 in Canada)** 2015
- CCO is a national olympiad used to choose the Canadian IOI team.

Projects

- [ECOO Provincial Programming Competition - Head Problem Writer](#)** 2015-Present
- Create challenging algorithmic problems for the ECOO programming competition in which over 400 teams from Ontario high schools compete.
- [DifferentialGraphs \(Java\)](#)** 2015
- Created a Java program that interprets and graphs first-order differential equations.
- [Fiora The Explorer \(Java\)](#)** 2013
- Developed a complete desktop-based Java game that helps children learn French.
 - Programmed fully-documented code, packaged in an installer, and deployed via CD.

Skills

- Fluent in Java / C++ (4 years experience).
- Strong algorithm, data structure, and problem solving skills.