

Reyno Tilikaynen 3A Computer Science/Combinatorics & Optimization U. of Waterloo		
rtilikay@uwaterloo.ca (647) 609-5305	403-235 Grandravine Drive Toronto, ON M3N 1J2	www.tilikaynen.com www.github.com/rtilikay

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
- Working towards a combinatorial proof of enumerating the spanning trees of the hypercube graph.
- Google - Software Engineering Intern** May-August 2016
- Worked on the inbox team to improve SmartMail.
 - Expanded calendar integration by introducing RSVP support for third-party calendars.

Achievements

- Google Distributed Code Jam - Round 2 (Top 500)** 2017
- CodeJam is a yearly programming competition in which over 25,000 contestants from 130 countries compete.
- William Lowell Putnam Competition - Top 500** 2016
- The Putnam competition is North America's most prestigious collegiate mathematics 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.
- Differential Graphs (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++
- Familiar with Machine Learning
- Strong algorithm, data structure, and problem solving skills