

## Yuchong Pan

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CONTACT INFORMATION	+1 (425) 502-1565 panyuchong@gmail.com <a href="http://ypan.me">http://ypan.me</a>	
RESEARCH INTERESTS	Programming languages and theoretical computer science – especially gradual typing, type systems, algorithms, theory of computation, theory of complexity, graph theory and combinatorial optimization.	
EDUCATION	<b>University of British Columbia</b> B.S., Computer Science and Mathematics, Combined Honours, expected 2021	
EMPLOYMENT	<b>Microsoft Corporation</b> Software Engineer Intern, 2019 Software Engineer Intern, 2018  <b>Jisuanke</b> Teaching Researcher, 2018–2019 Lecturer, 2018–2019  <b>Sogou, Inc.</b> Software Engineer Intern, 2017  <b>InitialView</b> Software Engineer Intern, 2016–2017	
RESEARCH EXPERIENCE	<b>University of British Columbia</b> Gradual typing of recursive types, 2018–present <ul style="list-style-type: none"><li>◦ Advisor: Ronald Garcia</li></ul>	
TEACHING EXPERIENCE	<b>University of British Columbia</b> <i>Teaching Assistant</i> CPSC 421/501      Introduction to Theory of Computing (graduate), Fall 2019 CPSC 121          Models of Computation, Fall 2018  <b>Jisuanke</b> <i>Lecturer</i> Competitive Programming, Level 6      Spring 2019 Competitive Programming, Level 5      Fall 2018 Competitive Programming, Level 3      Summer 2018  <i>Teaching Researcher</i> Competitive Programming, Level 6      Spring 2019	
VOLUNTEER EXPERIENCE	<b>Shaoxing No.1 High School</b> Summer Coach (Competitive Programming), 2016 Student Lecturer (Competitive Programming), 2013–2015	

TALKS AND PRESENTATIONS	<ul style="list-style-type: none"> <li>◦ Introduction to communication complexity, Quantum Club, University of California, Santa Barbara, 2019</li> </ul>
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>◦ Trek Excellence Scholarship (CAD \$4,000), University of British Columbia, 2019</li> <li>◦ Stanley M Grant Scholarship in Mathematics (CAD \$1,500), Department of Mathematics, University of British Columbia, 2019</li> <li>◦ Programming Language Implementation Summer School Fellowship (€400), 2019</li> <li>◦ Science Scholar / Dean's Honour List, University of British Columbia, 2019</li> <li>◦ Faculty of Science International Student Scholarship (CAD \$10,000), University of British Columbia, 2018</li> <li>◦ Dean of Science Scholarship (CAD \$425), University of British Columbia, 2018</li> <li>◦ Trek Excellence Scholarship (CAD \$4,000), University of British Columbia, 2018</li> <li>◦ Marie Kendall Memorial Scholarship in Science (CAD \$925), University of British Columbia, 2018</li> <li>◦ Joel Harold Marcoe Memorial Scholarship (CAD \$150), University of British Columbia, 2018</li> <li>◦ Science Scholar / Dean's Honour List, University of British Columbia, 2018</li> <li>◦ Outstanding International Student Award (CAD \$6,000), University of British Columbia, 2017</li> <li>◦ Silver Medal, China Team Selection Completion for International Olympiad in Informatics, China Computer Federation, 2015</li> <li>◦ Bronze Medal, Asia Pacific Informatics Olympiad, China Computer Federation, 2015</li> <li>◦ First Prize, National Olympiad in Informatics in Provinces (Advanced Division), China Computer Federation, 2014</li> <li>◦ First Prize, National Olympiad in Informatics in Provinces (Advanced Division), China Computer Federation, 2013</li> </ul>
SELECTED COURSEWORK	<ul style="list-style-type: none"> <li>◦ Probability (graduate)</li> <li>◦ Combinatorial Optimization (graduate)</li> <li>◦ Tools for Modern Algorithm Analysis (graduate)</li> <li>◦ Introduction to Theory of Computing (graduate)</li> <li>◦ Real Variables</li> <li>◦ Definition of Programming Languages</li> <li>◦ Introduction to Compiler Construction</li> <li>◦ Intermediate Algorithm Design and Analysis</li> </ul>
ACADEMIC TRAINING	<ul style="list-style-type: none"> <li>◦ Second Programming Language Implementation Summer School, Bertinoro, Italy, 2019</li> </ul>
RELEVANT SKILLS	<p>Languages:     English, Mandarin</p> <p>Programming:  <math>\text{\LaTeX}</math>, Racket, Standard ML, JavaScript, C/C++, Java, C#, Python, Ruby, MATLAB, Go, MySQL</p>
LAST UPDATED	September 6, 2019