

Yuchong Pan

CONTACT INFORMATION	+1 (425) 502-1565 panyuchong@gmail.com http://ypan.me	
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	University of British Columbia B.S., Computer Science and Mathematics, Combined Honours, expected 2021	
EMPLOYMENT	Microsoft Corporation Software Engineer Intern, 2019 Software Engineer Intern, 2018 Jisuanke Teaching Researcher, 2018–2019 Lecturer, 2018–2019 Sogou, Inc. Software Engineer Intern, 2017 InitialView Software Engineer Intern, 2016–2017	
RESEARCH EXPERIENCE	University of British Columbia Gradual typing of recursive types, 2018–present <ul style="list-style-type: none">◦ Advisor: Ronald Garcia	
TEACHING EXPERIENCE	University of British Columbia <i>Teaching Assistant</i> CPSC 421/501 Introduction to Theory of Computing (graduate), Fall 2019 CPSC 121 Models of Computation, Fall 2018 Jisuanke <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	Shaoxing No.1 High School Summer Coach (Competitive Programming), 2016 Student Lecturer (Competitive Programming), 2013–2015	

TALKS AND PRESENTATIONS	<ul style="list-style-type: none"> ◦ Introduction to communication complexity, Quantum Club, University of California, Santa Barbara, 2019
HONORS AND AWARDS	<ul style="list-style-type: none"> ◦ Trek Excellence Scholarship (CAD \$4,000), University of British Columbia, 2019 ◦ Stanley M Grant Scholarship in Mathematics (CAD \$1,500), Department of Mathematics, University of British Columbia, 2019 ◦ Programming Language Implementation Summer School Fellowship (€400), 2019 ◦ Science Scholar / Dean's Honour List, University of British Columbia, 2019 ◦ Faculty of Science International Student Scholarship (CAD \$10,000), University of British Columbia, 2018 ◦ Dean of Science Scholarship (CAD \$425), University of British Columbia, 2018 ◦ Trek Excellence Scholarship (CAD \$4,000), University of British Columbia, 2018 ◦ Marie Kendall Memorial Scholarship in Science (CAD \$925), University of British Columbia, 2018 ◦ Joel Harold Marcoe Memorial Scholarship (CAD \$150), University of British Columbia, 2018 ◦ Science Scholar / Dean's Honour List, University of British Columbia, 2018 ◦ Outstanding International Student Award (CAD \$6,000), University of British Columbia, 2017 ◦ Silver Medal, China Team Selection Completion for International Olympiad in Informatics, China Computer Federation, 2015 ◦ Bronze Medal, Asia Pacific Informatics Olympiad, China Computer Federation, 2015 ◦ First Prize, National Olympiad in Informatics in Provinces (Advanced Division), China Computer Federation, 2014 ◦ First Prize, National Olympiad in Informatics in Provinces (Advanced Division), China Computer Federation, 2013
SELECTED COURSEWORK	<ul style="list-style-type: none"> ◦ Probability (graduate) ◦ Combinatorial Optimization (graduate) ◦ Introduction to Theory of Computing (graduate) ◦ Real Variables ◦ Introduction to Group Theory ◦ Definition of Programming Languages ◦ Introduction to Compiler Construction ◦ Intermediate Algorithm Design and Analysis
ACADEMIC TRAINING	<ul style="list-style-type: none"> ◦ Second Programming Language Implementation Summer School, Bertinoro, Italy, 2019
RELEVANT SKILLS	<p>Languages: English, Mandarin</p> <p>Programming: \LaTeX, Racket, Standard ML, JavaScript, C/C++, Java, C#, Python, Ruby, MATLAB, Go, MySQL</p>
LAST UPDATED	September 3, 2019