

Yuchong Pan

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| 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 <i>Academic Assistant</i> CPSC 411 Introduction to Compiler Construction, Fall 2019 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 | |

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| 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"> ◦ Faculty of Science International Student Scholarship (CAD \$5,000), University of British Columbia, 2019 ◦ Dean of Science Scholarship (CAD \$350), University of British Columbia, 2019 ◦ Trek Excellence Scholarship (CAD \$4,000), University of British Columbia, 2019 ◦ Stanley M Grant Scholarship in Mathematics (CAD \$1,500), 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) ◦ Tools for Modern Algorithm Analysis (graduate) ◦ Introduction to Theory of Computing (graduate) ◦ Real Variables ◦ 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 | Languages: English, Mandarin Programming: \LaTeX , Racket, Standard ML, JavaScript, C/C++, Java, C#, Python, Ruby, MATLAB, Go, MySQL |
| LAST UPDATED | November 20, 2019 |