

Ieng-Kit Ho (Nicholas)

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Education

- **University of British Columbia** Vancouver, BC
B.S., Computer Science and Statistics Sep. 2013 – Dec. 2016
 - GPA: 3.2/4.0, Graduating May 2017

Publications

- Bernie D. Shizgal, Nicholas Ho, Xingwei Yang. The computation of radial integrals with nonclassical quadratures for quantum chemistry and other applications. *Journal of Mathematical Chemistry*(JOMC). 2017.

Experience

- **UBC Statistical Mechanics Group** Vancouver, BC
Research Assistant May. 2016 – Aug. 2016
 - Research on density functional theory, kinetic theory, convergence theory, approximation theory and spectral methods
 - Designed a pseudo-spectral algorithm based on non-classical orthogonal polynomials for computing radial integrals

Skills

Programming Languages Java, C++, C, Matlab, Python, SQL, R, JavaScript, Ruby, HTML/CSS, LaTeX

Portfolio

<https://iengkit.github.io/>