

# 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
  - Official convocation: 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** C++, Java, Matlab, Python, SQL, R

**Languages** English, Chinese, French

## Projects

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