

Edward Kim

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BScH Nanoscience & Physics, University of Guelph (2010-2014)

Chancellor's Scholar • Dean's Honours List • 3.9 (/4.0) Cumulative GPA

Professional Experience

Co-Founder, Bombe (2013-Pres.)

- Built a scientific cloud-based software company from ground-up
- Funded by Canada's elite "Next 36" Entrepreneurship Institute

Technical Assistant, Canadian Light Source, Inc. (2013-Pres.)

- Designing mission-critical particle accelerator hardware
- Developed an open-source web application for scientific computation

Research Assistant, University of Guelph, Dept. of Physics (2011-2013)

- Conducted experiments to understand nanocrystalline materials
- Wrote new sample preparation software and procedures

Research Assistant, Queen's-RMC Fuel Cell Research Centre (Summer 2013)

- Created novel battery electrodes for low-cost rechargeable batteries
- Used various electrochemical techniques for battery testing

Publications

N. Chen, **E. Kim**, Z. Arthur, R. Daenzer, J. Warner, G.P. Demopoulos, Y. Joly, D.T. Jiang. XAFS Study of Arsenical Nickel Hydroxide. 2013. Journal of Physics: Conference Series. 430, 012092.

E. Kim, N. Chen, Z. Arthur, J. Warner, G.P. Demopoulos, J.W. Rowson, and D.T. Jiang. Multiple Scattering Debye-Waller Factors for Arsenate. 2013. Journal of Physics: Conference Series. 430, 012086.

E. Kim. Toxicity of Carbon Nanotubes in Daphnia Magna. 2011. Canadian Young Scientist Journal. 4, 1.



Nanomaterials Characterization - Cleanroom Microfabrication - X-ray spectroscopy

Python - Django - C++ - HTML - CSS - Javascript - MEAN Stack - LAMP Stack

Illustrator - AutoCAD - OpenSCAD - Git - LaTeX - Bash - WordPress



Canada's Next 36 (2013) - Chosen as one of Canada's top youth entrepreneurs

NSERC USRA (2012 & 2013) - Federally supported scientific research grant

Chancellor's Scholarship (2010) - Top-level full-tuition entrance scholarship

