

Elliot Snow-Kropla

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Education

Dalhousie University

M.Sc. Physics

Halifax

2012–2014

Dalhousie University

B.Sc. Physics

Halifax

2007–2011

First Class Honours

Master thesis

Title: *Compiling Programs for an Adiabatic Quantum Computer*

Supervisor: Dr. Kyriakidis

Experience

Dr. Pierce Laboratory

Research Assistant, Conducted numerical simulations of global aerosol production

Halifax

2010–2011

Detailed achievements:

- Modified large (300K+ lines) Fortran atmospheric chemistry simulation to account for effects from cosmic rays
- Published results and analysis in peer reviewed journal

Skills

Electronics: LabVIEW, Analog Circuit Design, Digital Circuit Design

Programming Languages: Python, C, C++, Java

Hobby Programming Languages: Rust, Go, Haskell

Publications

EJ Snow-Kropla, JR Pierce, DM Westervelt, and W Trivittayanurak. Cosmic rays, aerosol formation and cloud-condensation nuclei: sensitivities to model uncertainties. *Atmospheric Chemistry and Physics*, 11(8):4001–4013, 2011.