

# Matthew Fung

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**Objective** Junior Development position with community engagement opportunities and room for advancement.

## Education

2013–2018 **Bachelor of Science**, *The University of British Columbia*, Vancouver.  
Double Major in Computer Science and Atmospheric Sciences

## Employment

2016–Present **Systems Intern**, *UBC Weather Forecast Research Team*, Vancouver.  
Developed a Node.js web application for an online course of approximately 100 students.

- Utilizes Typescript, PostgreSQL, ReactJS, and Relational ORM Libraries
- Employs Test Driven Development Principles
- Allowed group sizes to double in size while retaining student interaction.

## Communication and Analytical Skills

2017 Wrote a 7 page report evaluating the accuracy of air pollution models ran at UBC.  
◦ Read by multiple Government Authorities (ex. Alberta Environment and Parks)  
◦ Led to change in configuration for UBC Bluesky Forecasting System  
◦ Conducted data verification and analysis using Numerical Python libraries (NumPy, XArray, Matplotlib)

## Organizational/ Management Abilities

2015-2017 Served as President of Student Society for Atmospheric Sciences  
◦ Collaborated with Academic Societies to organize conference volunteering in Fredericton NB, and Seattle WA  
◦ Coordinated evaluation and distribution of department undergraduate funding

## Course Work

- Introduction to Software Engineering
- Introduction to Relational Databases
- Internet Computing

## Personal

- Speaks fluent Cantonese; Proficient in Mandarin; Can read Chinese;

## References

Available on request