

# Étienne Tétreault-Pinard

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## Work

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03/2020– **Data Science Developer** R2 Inc.

04/2014–03/2020 **JavaScript Developer** Plotly Inc.

- ◇ Lead developer of plotly.js, an open-source JavaScript graphing library
- ◇ Author of plotly.js's geospatial plotting framework
- ◇ Author of plotly.js's polar chart modules
- ◇ Author of plotly.js's testing and distributing utilities

09–12/2012 **Teaching Assistant** University of Washington

06–08/2011 **Bike Messenger** Courrier Rapide

## School

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2011–2013 **M. Sc.** Atmospheric Sciences

- ◇ University of Washington, Seattle WA USA

2008–2011 **B. Sc.** Honours Atmospheric Science, Minor Mathematics

- ◇ McGill University, Montreal QC

## Talks / Papers

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03/2020 Vargas Zeppetello L. R., Étienne Tétreault-Pinard, D. S. Battisti and M. B. Baker, 2020: Identifying the Sources of Continental Summertime Temperature Variance Using a Diagnostic Model of Land–Atmosphere Interaction, *Journal of Climate*, **33**, 3547–3564

05/2017 **Plotly.js Master Class** PLOTCON 2017 (in Oakland CA)

07/2014 **Plotly and TeX** Tex User Group 2014 (in Portland OR)

## Skills

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Languages French, English

Scientific computing Julia, Python (Scipy, Numpy, Matplotlib, Jupyter, Dash), MATLAB

Web development JavaScript (d3.js, mapbox-gl, Node.js, Electron, WebGL), HTML, CSS

Math Linear algebra, ODEs, PDEs, probability & statistics

Other computers things Docker, Bash, GNU Make, L<sup>A</sup>T<sub>E</sub>X, Fortran, C

Services GitHub Actions, CircleCI, Travis CI, Amazon EC2