Étienne Tétreault-Pinard

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Work

04/2014–	**Software Engineer**	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

- ◇ Course: ATMS 211 *Climate Change*

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

School

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

- ◇ University of Washington, Seattle WA USA
- ◇ Thesis: *Linking soil moisture and summertime surface temperature variability*

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

- ◇ McGill University, Montreal QC
- ◇ Graduated with *First Class Honours*

Talks

05/2017	**Plotly.js Master Class**	PLOTCON 2017 (in Oakland CA)
07/2014	**Plotly and TEX**	Tex User Group 2014 (in Portland OR)

Skills

Languages	French, English
JavaScript	d3.js, mapbox-gl, npm, Node.js, Electron, Browserify, WebGL
Scientific computing	Python (Scipy/Numpy/Matplotlib, Jupyter), MATLAB, Julia
Math	Linear algebra, ODEs, PDEs, probability & statistics
Programming (others)	Bash, HTML/CSS, Fortran, C
Other computers things	GNU Make, LaTeX, Docker
Operating systems	Linux (Ubuntu, Debian, Fedora)
Services	CircleCI, Travis CI, Amazon EC2