



WORK OFFER

Ref. No. CA-2019-000045

Employer Information

<i>Employer:</i>	Technologies Plotty Inc Engineering SUITE 118 5555 AV DE GASPE H2T2A3 Montreal Canada	<i>Website:</i>	
		<i>Location of placement:</i>	Montreal
		<i>Nearest airport:</i>	YUL
		<i>Working hours per week:</i>	37.5
		<i>Working hours per day:</i>	7.5

Number of employees: 30
Business or products: Software

Student Required

<i>General Discipline:</i>	11-COMPUTER AND INFORMATION SCIENCES	<i>Completed years of study:</i>	3
<i>Field of Study:</i>	11.0101-Computer and Information Sciences, General.	<i>Language required:</i>	English Excellent

Required Knowledge and Experiences:

- Bachelor's degree holder of computer science, business technology management, computer engineering, software engineering and/or machine learning
- Experience with Python, CSS, HTML, and Javascript
- Experience with data manipulation libraries such as Pandas and Numpy
- Familiarity with Git in a solo and team environment
- Knowledge of data structures and OOP principles
- Ability to learn quickly and adapt to different challenges
- Adept written, oral and interpersonal skills

Other requirements:

- Bonus: Experience with React.JS and Node.JS frameworks
- Bonus: Experience with Dash and Plotty frameworks

Work Offered

At Plotty's Montreal office, you'll work alongside a diverse team of scientists, engineers and programmers who are building industry-leading data visualization and analytics software. Our technology has made it to desks at Google, NASA, MIT and Tesla, and as a Dash Intern, you'll have a seat at the table to take ownership of your work and share your ideas to steer the future of data visualization.

You can expect to gain:

- Proficiency with Python, CSS, HTML, JavaScript, Plotty and Dash as you design and build data analytics applications for financial, life sciences, automotive and energy sectors, to name a few.
- Knowledge of data visualization and analytics best practices and data manipulation skills.
- Portfolio pieces: interactive analytics applications that will be published on Plotty's website, in newsletters, and possibly demo'd to industry partners.
- Professional development in a dynamic, open and empowering work culture.

You'll be responsible for:

- Designing and building data analytics applications with Plotty's ever-growing open-source Dash Python framework. For examples across all industries: <https://dash.plot.ly/gallery>
- Exploring and visualizing data from diverse sources using diverse tools like network graphs, heatmaps, time series, histograms, choropleths, 3D surface plots and statistical charts... to name a few. Not familiar with some of these? We'll introduce you.
- Providing feedback and recommendations about what applications or components you think would benefit the Dash open-source community.

<i>Number of weeks offered:</i>	18 - 52	<i>Working environment:</i>	Research and development;Office work
<i>Within the months:</i>	01-MAR-2019 - 31-DEC-2019	<i>Gross pay:</i>	1,000 CAD / Week
<i>Or within:</i>	-	<i>Deduction to be expected:</i>	\$270/ week
<i>Holidays:</i>	-	<i>Payment method / frequency:</i>	direct deposit / bi-weekly

Accommodation

<i>Canteen at work:</i>	No		
<i>Expected type of accommodation:</i>	room or apartment	<i>Estimated cost of lodging:</i>	250 CAD / Week
<i>Accommodation will be arranged by:</i>	student	<i>Estimated cost of living incl. lodging:</i>	350 CAD / Week

Additional Information

We at Technologies Plotty Inc. will provide a pair of return tickets (by air) and all the related cost for the student to travel from/ to the YUL airport.

Canadian work permits take 2 months + to process.

Nomination Information

<i>Deadline for nomination:</i>	01-MAR-2019	<i>Please send nominations by</i>	Exchange Platform
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<i>Date:</i>	16-FEB-2019	<i>On behalf of receiving country:</i>	David Fraser
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