

WILLIAM A. BURGESS

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EXPERIENCE

Parse.ly (Automattic/WordPress VIP)

Senior Software Engineer

San Diego County, CA (remote)

July 2021 to present

- Developer on [Parse.ly](https://parse.ly), the enterprise analytics product for [WordPress](https://WordPress.com)—a CMS used by over [over 40%](#) of the web

Plotly

Software Engineering Manager

Montreal, QC

April 2021 to June 2021

- Leader of the [open-source](#) dashboard and graphing libraries team

Software Engineer

July 2018 to March 2021

- Primary developer & co-creator of [Dash Design Kit](#), the Python & R design framework for [Dash Enterprise](#)
- Core contributor to [Dashboard Engine](#), Dash Enterprise's GUI layout and crossfiltering tool
- Contributor to open-source data science and visualization libraries [Dash](#) (14k ☆) and [plotly.js](#) (13k ☆)

FFunction

Software Developer

Montreal, QC

January 2018 to June 2018

- Data modelling, design, and rendering for boutique data visualization studio FFunction
- Created interactives for [3M](#) and the [Canadian Cancer Society](#)
- Past clients of the studio include UNESCO, Google, Edelman, and National Geographic

Autodesk

Software Developer Intern

Montreal, QC

May 2017 to August 2017

- Interned on the infrastructure team for [Autodesk Forge](#), a computer-aided design (CAD) cloud platform
- Worked with Node.js, Git, Apache Groovy, and Python to optimize integrating and testing web software

Paper

Software Developer Intern

Montreal, QC

June 2016 to August 2016

- Developed chat-based live tutoring platform for ed-tech startup [Paper](#) (formerly GradeSlam)
- Deployed major product features, including in-browser audio recording and messaging, authentication throttling, and user settings, using PHP (Laravel) and Node.js

McGill Administration

Web Developer

Montreal, QC

September 2014 to May 2016

- Redesigned and maintained the [website](#) for the McGill Faculty of Arts' academic advising office

EDUCATION

McGill University | Montreal, QC

B.A. | Double Major, Software Engineering & Philosophy | Minor, Music Science & Technology ([MST](#))

LANGUAGES

- **Proficient:** JavaScript, React, Node.js, Python, PHP, HTML, CSS, \LaTeX
- **Familiar:** C, C++, Java, F#, Ruby, Assembly

N.B. References available upon request. I am a dual citizen and thus legally authorized to work in both the United States and Canada. Portfolio with additional projects available on my personal website, wbrgss.com.