William A. Burgess

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Experience

Parse.ly (Automattic/WordPress VIP)   Montreal, QC (remote)
Senior Software Developer   *July 2021 to present*

- Developer on Parse.ly, the enterprise analytics product for WordPress—a CMS used by over over 40% of the web

Plotly   Montreal, QC
Software Engineering Manager   *April 2021 to June 2021*

- Leader of the open-source dashboard and graphing libraries team

Software Developer   *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   Montreal, QC
Software Developer   *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   Montreal, QC
Software Developer Intern   *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   Montreal, QC
Software Developer Intern   *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   Montreal, QC
Web Developer   *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.*