William A. Burgess

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Experience

Parse.ly (Automattic/WordPress VIP)   San Diego County, CA, USA (remote)
Senior Software Engineer   *July 2021 to present*

- Full-stack engineer under the AI Group on Parse.ly, the web traffic analytics product powering publishers such as The Wall Street Journal, USA Today, Axios, Bloomberg, Conde Nast, The Associated Press, and The Economist. Parse.ly is part of the Automattic technology portfolio, which includes the WordPress.com and Tumblr brands.

Plotly   Montreal, QC
Software Engineering Manager   *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 (24k ☆) and plotly.js (18k ☆)

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, Vue, Node.js, Python, PHP, HTML, CSS, LaTeX
- **Familiar**: C, C++, Java, Erlang, 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.*