WILLIAM A. BURGESS

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EDUCATION

McGill University | Montreal, QC
B.A. | Double Major, Software Engineering & Philosophy | Minor, Music Science & Technology

EXPERIENCE

Plotly   Montreal, QC
Software Developer   *July 2018 to Present*

- Lead developer & co-creator of Dash Design Kit, the Python data viz design framework for Dash Enterprise

FFunction   Montreal, QC
Software Developer   *January 2018 to June 2018*

- Data modelling, design, and rendering for boutique data visualization studio FFunction
- Visualized a 3M study on international attitudes towards science (14 countries, ~14,000 participants)
- 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
- Transformed team progress tracking and management by creating an automated build process dashboard

Paper   Montreal, QC
Web Developer   *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
- Worked primarily with PHP and Javascript, using 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
- Developed an internal wiki for faculty academic adviser staff

McGill Tribune   Montreal, QC
Web Developer   *September 2014 to May 2016*

- Redesigned mcgilltribune.com. Added responsive layout and migrated to a new server.
- Created a new microsite every week of the semester for each feature article.
- Instituted new backend/analytics web position, doubling average pageviews and page speed (s).

LANGUAGES

- **Proficient**: Javascript/React, Node.js, Python, PHP, HTML, CSS
- **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.*