

# WILLIAM A. BURGESS

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## EDUCATION

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**McGill University** | Montreal, QC

2018

*B.A. | Double Major, Software Engineering & Philosophy | Minor, Music Science & Technology*

## EXPERIENCE

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**Plotly**

Montreal, QC

*Software Engineer*

*July 2018 to Present*

- Lead developer of [Dash Design Kit](#)

**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

**GradeSlam**

Montreal, QC

*Web Developer*

*June 2016 to August 2016*

- Developed chat-based live tutoring platform for ed-tech startup 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](http://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

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- **Proficient:** Javascript, 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](http://wbrgss.com).