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[illegible]

**SELECTED
PROJECTS**
(full portfolio at
www.zafarali.me)

MinervaBot

April 2016 - Present

- Designed and launched a Facebook Messenger bot to help students find information about courses and buildings on McGill campus.
- Implemented machine learning classifiers, information retrieval and clever REGEX-based algorithms resulting in > 80% bot success rate.

Towards electroencephalography-based prosthetics

Sept 2015 - Dec 2015

COMP 598: Applied Machine Learning [Grade: A]

- Compared transfer learning approaches versus personalized learning of neural networks, logistic regression and support vector machines as software for 3D printed arms.

Analysis of Urban Spatial Patterns

April 2014

GEOG 217: Cities in the Modern World Final Project [Grade A: 90%]

- Planned and executed a field survey to discover 8 key urban metrics of 14 Montreal neighbourhoods. Used statistical analysis to interpret the relationship between space and urban metrics.