

# FETSAMI ARAYA

## PERSONAL INFORMATION

Email [fetsamiaraya@outlook.com](mailto:fetsamiaraya@outlook.com)

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Personal Web Page [fetsami-araya.github.io](https://fetsami-araya.github.io)

## EDUCATION

2020-2021 The University of Toronto

*Master of Arts*

- School: Department of Economics
- Major Economics

2016-2020 The University of Calgary

*Bachelor of Arts (Honours)*

- School: Faculty of Arts
- Major Economics, Minor Data Science.

## WORK EXPERIENCE

2020 Summer Student  
CANADA ENERGY REGULATOR — Calgary

*Canada Energy Regulator*

Developed a transmission forecasting model for Canadian electricity and conducted broad market research into Canadian electricity markets.

2020 Research Assistant  
UNIVERSITY OF CALGARY. — Calgary

*University of Calgary*

Conducted data analytics with Python and Python libraries (e.g. Pandas, Numpy) and collaborated with other research assistants using version control (Git and Github). Also developed and deployed web applications using Ruby on Rails while making extensive use of High-Performance Computing Linux clusters (including the University of Calgary's Advanced Research Computing cluster and Compute Canada's cluster) for computational tasks and data storage.

2019 Summer Student - Workforce Planning & Analytics  
HUSKY ENERGY INC. — Calgary

*Husky Energy Inc.*

Researched labor market conditions and the workforce planning impacts of advanced technologies in oil & gas. The resulting research was presented to senior leaders in monthly and quarterly reports.

2019 PASS Leader  
UNIVERSITY OF CALGARY — Calgary

*University of Calgary*

Facilitated a collaborative student-led learning environment that helped students succeed in introductory econometrics. I prepared engaging activities that allowed students to master course content, as well as practice questions and mock exams that students used to improve their performance on assignments and exams.

## VOLUNTEER EXPERIENCE

|                                  |   |
|----------------------------------|---|
| <i>University of<br/>Calgary</i> | 2019                      Director of IT<br>SOCIETY OF UNDERGRADUATES IN ECONOMICS — Calgary  |
|                                  | Managed the club's website ( <a href="http://ucalgarysue.com">ucalgarysue.com</a> ) along with an exam bank of economics exams using a cloud-based web development platform. Through collaboration with the club's communication team, website traffic increased by 182% compared to the previous year through a website redesign, mailing lists, and promotions/events on the website. |
| <i>Eastside<br/>Memorial FC</i>  | 2014–2015              Youth Soccer Coach<br>EASTSIDE MEMORIAL FC — Calgary   |
|                                  | Coached a U10 boys (i.e. boys aged 8-10 years old) soccer team. I was responsible for managing equipment, planning practices to promote skill development, and helping kids develop a love and respect for each other and the sport.  |

## COMPUTER SKILLS

|                     |   |
|---------------------|---|
| <i>Basic</i>        | HTML, CSS                                       |
| <i>Intermediate</i> | R, STATA, L <sup>A</sup> T <sub>E</sub> X, JAVA |
| <i>Advanced</i>     | MS Office, PYTHON                               |

## OTHER INFORMATION

|                       |  |
|-----------------------|--|
| <i>Awards</i>         | 2020 · Canada Graduate Scholarships - Master's Program<br>(Social Science and Humanities Research Council of Canada) |
|                       | 2017-2019 · Dean's List – Faculty of Arts<br>(University of Calgary)   |
|                       | 2018 · Undergraduate Merit Scholarship<br>(University of Calgary)  |
| <i>Certifications</i> | 2019 · Data Scientist with Python (DataCamp)   |
| <i>Languages</i>      | ENGLISH · Fluent (Mothertongue)  |
|                       | FRENCH · Fluent  |
|                       | TIGRINYA · Fluent  |
| <i>Interests</i>      | · Cooking · Programming · Reading  |

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