

## Hugo Seguin

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### SKILLS

- **Software:** Microsoft Office (Word, PowerPoint, Excel, Outlook, SharePoint), Google Workspace (Docs, Slides, Sheets, Gmail, Drive), Github
- **Statistics Programs:** SPSS, PsychoPy, Qualtrics, Stata
- **Coding Languages:** R, Python (Numpy, Pandas, Sci-kit learn, Matplotlib), SPSS, SQL, C++, HTML 5, CSS
- **Statistics:** 7+ years of Quantitative Analysis, Qualitative Analysis, Advanced Analytics, Machine Learning Techniques, Supervised Learning (linear and logistic regression, decision trees, support vector machines, neural networks), Unsupervised Learning (k-means clustering, principal components analysis), Multivariate Analysis, Regression, Anova, A/B Testing, Excel pivot tables, formulas, VLOOKUP, predictive models
- **Visualization:** Tableau, Power BI, SQL Databases, Advanced analyses, Advanced statistics,
- **Languages:** French (Native), Spanish (Basic)
- **Presentation:** 3+ years of professional presentation experience in academia, instructing, and business.

### EDUCATION

#### **Iowa State University**

*Masters of Science, Social Psychology, (GPA: 3.80)*

Anticipated: March 2023

Ames, IA, USA

#### **Bishops University**

*Bachelors of Arts, Honors Applied Psychology, Graduated Honors, (GPA: 4.00)*

March 2020

Sherbrooke, QC, Canada

### RESEARCH EXPERIENCE

#### **Iowa State University**

*Graduate Student Researcher*

August, 2020 – January, 2023

Ames, IA

- Worked on two teams, in a fast pace environment, in each team supervising a research assistant. Created clear materials for RA's to follow while conducting protocols on participants. Developed analytical and problem solving skills. Wrote out a detailed analysis and presented to Supervisors. Provided effective updates on projects outcomes and uncertainty to supervisors. Developed leadership abilities laying out weekly goals and delegating work.
- Conducted advanced analytics to publish academic work. Documenting and communicating results in multiple settings.
- Conducted biometrics research utilizing Fitbit's API. Developed the ability to analyze, study and understand biometric data. Self-Taught using Postman to use Fitbit biometric data. Wrangled, explored, analyzed and visualized data on multiple projects.
- Worked self-directed with minimum supervision. Developing abilities to be a self-starter, self-learning and to problem solving alone. Discovering and solving problems on my own without other's support.
- Conducted Quantitate work using a variety of statistical analyses. Allowing me to do more complex analyses such as multivariate Anova's and multilevel modeling. It also developed ~~me~~ the abilities to teach myself statistical information.
- Researched in R, Python, Postman, SPSS, and Excel

#### **Clouds**

*Research Analysis Intern*

March, 2022 – September 2022

Ames, IA, USA

- Consulted with boss of company to recommend courses of action around products, employment and times of operation.
- Create a report that outlined the results around sales which was given to boss. Presented on the findings from the research. Created and presented a PowerPoint summary of data around sales, online traffic, and products. Self-taught to learn best practices.
- Worked in data cleaning and wrangling. Taking data and placing it into cleaned excel files for future use.
- Conducted Market Research, examined competition for event venues, researched competitors

In the area and their marketing techniques. Building lots of skills in market research.

**Iowa State University**

March, 2021 – September 2021

*Research Assistant on Bauman Scholarship*

Iowa, IA, USA

- Assisted over multiple projects in the lab. Overseeing multiple projects while directing RA's.
- Wrote detailed manuscripts that required detailed work.
- Cleaned data by removing outliers, those who failed attention tasks and fake responding. Using the skills, I learned in data management. This assisted in analyzing the data for writing the paper.

**Bishops University**

September, 2015 – September 2020

*Volunteer Research Assistant*

Ames, IA, USA

- Assisted with research projects. Cleaning data, aiding with analyses and following protocols with participants.
- Worked in SPSS and Excel, developing skills ~~around~~ for analyses.
- Lead groups of 3 or more TA's on professors' projects.

**University of Sherbrooke**

March, 2019 – September 2019

*Research Assistant on Social Science and Humanities Research Council (SSHRC) Grant* Sherbrooke, QC, Canada

- Examined the effect of medical system for a future master's student thesis.
- Wrote a valuable piece of writing to assist with future projects. Well written piece of clear research to assist future master's student. Developed ability to work distant with a distant team.

**University of Memphis**

March, 2018 – September 2018

*Research Assistant on MITACS Research Grant*

Memphis, TN, USA

- Used Java coding to create a cognitive experiment examining the effect of creating reminders on memory.
- Learned a new coding system and then conducted an analysis in a new program.

**TEACHING EXPERIENCE**

**Iowa State University**

August, 2020 – Present

*Instructor of Psych 131*

Ames, IA, USA

- Lectured and discussed in small classrooms of up to 35 students over 15 weeks. Presented complex psychological topics in simple manner.
- Graded for the entire class alone. Building the ability to efficiently move through a variety of tasks.
- Instructor modified pre-existing material for class. Giving my ability to place information in my own words and take complex jargon to explain to a nonacademic audience.
- Taught 3 sections in the fall and 1 in the winter. Building my ability to teach multiple sections of the class at once. Explained complex information and trade offs to students.

**LEADERSHIP & INVOLVEMENT**

- **Philosophy Club, Social Head of Club** *Iowa State University, January 2022 – December 2022*
- **Panelist, Fake News Panel Discussion** *Ames Public Library January 2021 & March 2023*
- **Badminton Club, Head of Club** *Bishops University, March 2016 – March 2020*
- **Data Science Club, Co-head of Club** *Bishops University March 2018 – March 2020*
- **Practicum, Assisted at Grace Village Retirement Home** *Bishops University, August – December 2017*