

# Daniel Dessalew

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## EDUCATION

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University of Wisconsin-Madison | Madison

May 2021

Bachelors of Science in Computer Science

Bachelors of Science in Economics

GPA: 3.20 – 3.30

Relevant coursework: Computer Science Data Structures, Discrete Mathematics, Econometrics

## RELEVANT EXPERIENCE

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Research Data Collector - College of Letters & Science | University of Wisconsin Madison

Jan 2020 - Present

- Worked as part of the Institute for Research on Poverty, analyzing state-wide court cases data.
- Transformed qualitative data into quantitative data, with exposure to various databases.
- Moved, cleaned, and organized data files with great attention to detail.

Programming Intern – Pilot Training Systems

Oct 2019 - Jan 2020

- Worked as part of the tech team to develop a web-based drone training system.
- Debugged JavaScript code, using Node.js, HTML/CSS.
- Collaborated with the marketing team to improve design/functionality and implement changes.
- Gained great communication skills, using Slack, Trello, and some exposure to GitHub.

## SKILLS

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- **Java** – Used in computer science coursework, building various programs through Eclipse.
  - **Python** – Beginner, currently self-teaching via data science online courses.
  - **SQL** – Beginner, self-taught via online resources and data science club workshops.
  - **HTML/CSS** – Intermediate, used to for front end web design during programming internship.
  - **MS Excel** – Intermediate, used throughout academic career. Familiar with advanced functions, as pivot tables.
  - **Stata** – Intermediate, utilized for statistics and econometrics academic projects.
  - **SPSS** – Beginner, self-taught through LinkedIn Learn.
  - **Regression Analysis / Modeling** – Intermediate, in the process of learning via econometrics coursework.
  - **Trilingual** – Fluent in English, Amharic, and Italian. Proficient in Spanish.

## PROJECTS AND ACTIVITIES

- **Personal Website** – Currently building, using HTML/CSS from skeleton codebase.
- **Data Analysis Project** – In the beginning stage of data scraping and cleaning, mainly UnderStat xG data.
- **Data Science Club** – Attending various data science related workshops and forums.
- **Page Foundation Scholar** – Merit based volunteering scholarship, maintained by volunteering as mentor and tutor to inner city students.