

AshenafeeMandefro

Contact

Toronto, ON
ashenafee.mandefro
@mail.utoronto.ca
[Portfolio](#)

Languages

English (Native)
Amharic (Native)
French (Limited)

Skills

Adobe Suite
C
Java
L^AT_EX
Linux
Microsoft Office
Python

Soft Skills

Adaptability
Communication
Creativity
Teamwork
Positivity
Problem-solving
Negotiation

Projects

[Bluebase](#)
[Bluepages](#)
[CSE Citation Machine](#)
[LoadrFX](#)
[Miru-Anime](#)
[Mirubot](#)
[Scibot](#)
[SteamUL](#)

Social Media

[LinkedIn](#)
[GitHub](#)
[Lab Page](#)

Interests

Biking
Digital art
Fitness
Poetry
Software development
Swimming
Video games

About

A charismatic, driven, third year student studying Bioinformatics & Computational Biology, Neuroscience, and Near & Middle Eastern Civilizations at the University of Toronto. Looking for work opportunities to apply my computer science knowledge in a life sciences context.

Education

2020–Curr **Honours Bachelors of Science** University of Toronto
Programs: Bioinformatics Specialist, Neuroscience Major, Computer Science Major
cGPA: 3.77
2016–2020 **High School Diploma** St. John Henry Newman CHS

Work Experience

2022–Curr **Pardee Lab** Toronto, Canada
Software Developer
Developing an educational, children's Roblox game meant to introduce concepts of molecular and evolutionary biology.
2022–Curr **First-Year Learning Communities** Toronto, Canada
Peer Mentor
Creating engaging, fun, programs for a group of first-years with the goal of easing their transition to university.
2022–Curr **Chang Lab** Toronto, Canada
Research Student
Developing automated tools for using Bioinformatic programs such as GenBank, NCBI, and BLAST for use in gene analysis.

Achievements

2022 **F.M. Hill Scholarship in Biology** University of Toronto
2021, 2022 **Dean's List Scholar** University of Toronto
2020 **St. Michael's College Admission Scholarship** University of Toronto
2020 **Ontario Scholar** St. John Henry Newman CHS
2020 **Valedictorian** St. John Henry Newman CHS

Volunteer Experience

02/22–Curr **Organizer Volunteer** Ethio Can Bridge the Gap
Helping in the organization of events by Ethio Can Bridge The Gap. Tasks include event set-up as well as video/audiography and directing guests.
02/22–05/22 **Research Volunteer** Chang Lab
Assisting my supervising graduate student in technology-oriented tasks, including (but not limited to): Slack bot development, program debugging, and server maintenance.
07/20–08/20 **Knights Make A Wish** Make-A-Wish Foundation of Canada
Managed and organized art collection from team members. Created promotional art/videos to engage audiences. Edited videos submitted across all teams.