

Ali Raza Zaidi

sar2zaid@uwaterloo.ca — 647-515-5369 — Richmond Hill, ON — [linkedin.com/in/ali-raza-zaidi](https://www.linkedin.com/in/ali-raza-zaidi)

Ambitious · Collaborative · Analytical · Innovative · Creative · Diligent · Flexible

Education

University of Waterloo
Bachelor of Computer Science
Cumulative GPA:

Waterloo, ON
09/2020 - 04/2025
92.2%

Relevant Courses:
· Functional Programming (CS135)
· Data Structures & Algorithms (CS136)

Skills

Python (Skilled) · **Java** (Skilled) · **HTML** (Skilled) · **CSS** (Skilled) · **Bootstrap** (Skilled) · **Git** (Skilled) · **JS** (Beginner)
MS Office (Intermediate) · **PostgreSQL** (Intermediate) · **Pandas** (Intermediate) · **Selenium** (Intermediate)

Experience

Software Development Intern · Furnishr **Toronto, ON · 05/2021 - 08/2021**

Furnishr is a Toronto-based startup that offers comprehensive furnishing packages to customers across North America.

- Spearheaded the development of several web scraping scripts to collect detailed product information for over 200,000 products varieties, fully automating the ETL process through Python, Selenium, BeautifulSoup & PostgreSQL.
- Developed a scripting tool using Python, SQL, Pandas & Selenium that would load customer designs and pricing plans into Google Drive in under 20 seconds, to reduce downtime for the Sales team.
- Prototyped several iterations of a *SlackBot* using Heroku, Flask & Zapier to reduce downtime for the Sales team.
- Refactored 10+ web scrapers used in the organization to mesh with the updated code architecture.

High School Mathematics Tutor · Self-Employed **Richmond Hill, ON · 02/2020 - Present**

- Design personally tailored lessons using course curricula to foster student interest in the instructional content.

Teaching & Setup Volunteer · Al-Haadi Sunday School **Vaughan, ON · 09/2015 - 06/2020**

- Completed setup tasks and designed innovative lessons to stimulate student learning.

Volunteer Tutor · YRDSB **Richmond Hill, ON · 09/2016 - 02/2020**

- Tutored Science and Urdu as an in-person tutor to help students deepen their understanding of the course material.

Projects

CaPredictor · Python · Flask · HTML5 · CSS3 · Bootstrap · Git · Heroku · Scikit-Learn

- Constructed a website to project the current market value of over 900 NHL players through Python data modelling, front-end development in Bootstrap alongside back-end development in Flask, & SQLAlchemy.

Climatech · Python · Flask · HTML5 · CSS3 · Bootstrap · JS · Git · Heroku · Scikit-Learn

- Led the development of a web app to raise awareness of climate change within Canada. Leveraged data modelling, a Flask back-end, LeafletJS and more, to provide tailored climate predictions for almost 9000 municipalities and weather stations across Canada, as part of the 2021 C4CA Datathon.

ACNH Bot · Java · JSON · Git · Binary Search

- Developed an autonomous Twitter Bot to broadcast ACNH updates using Java, the Twitter API & sort/search algorithms, formulating daily tweets with more than 100 possible inputs and outputs, using the ACNH API.

GitHub · Additional projects are available on my GitHub Page → (github.com/AlirZ-02)

Achievements & Activities

Awards, Teamwork & Leadership

- University of Waterloo → President's Scholarship of Distinction
- Al-Haadi Sunday School → Valedictorian of the 2019 Graduating Class & Student Council President
- Bayview Secondary School → 97.2% average in Grade 12 · Honor Roll · Volleyball Team · Track Team

Interests

- Ice Hockey · Basketball · Volleyball · Astronomy · Sports Analytics