**Mohammed Arab**

arab0033@algonquinlive.com

[LinkedIn](https://www.linkedin.com/in/mohammed-arab-15986b203/) | [GitHub](https://github.com/MohammedArab1)

## Education

**Algonquin College,** Ottawa, Ontario.

* Diploma in Computer Programming (CO-OP) (3 years), May 2021 – Present

**University of Ottawa,** Ottawa, Ontario.

* Bachelor’s Degree in Health Sciences (4 years), September 2017 – April 2021
  + Deans Honour List, 2017-2021
  + *Summa Cum Laude*
  + Graduating GPA 9.31 / 10.0

**St. Matthew Catholic High School**, Orleans, Ontario.

* Graduated 2017 with Ontario Scholar, Honour Roll and French Immersion Certificate.

#### Program-Related Skills

**Programming Languages:** Java, Python, SQL, HTML, CSS, JavaScript, Bash/Shell

**Operating Systems:** Windows XP/Vista/7/8/10, Linux, Mac OS

**Database Management Systems:** PostgreSQL, MS Access, MySQL, Microsoft SQL server, Oracle

**Software Tools:** Eclipse, Visual Studio Code, MySQL Workbench, VMWare Workstation, XAMPP, Microsoft Office, PgAdmin, PgModeler, Git/Github, JUnit Testing.

* Generated, tested, and maintained Java programs using Object-Oriented Methods with the ability to debug problems via manual techniques and program tools
* Created and manipulated well-designed database objects using SQL commands
* Demonstrated thorough theoretical and practical understanding of Operating System Fundamentals
* Acquired strong technical communication skills used to prepare detailed reports and give effective presentations through academic experience at the University of Ottawa and Algonquin College, along with volunteering experience

**Additional Qualifications**

* Finely honed communication and presentation skills with both supervisors and team members resulting from multiple years of academic, work and volunteer experience.
* Ability to be a leader whilst learning from team members and listening to their ideas, as demonstrated by leadership roles through work experience and while volunteering, as well as leadership certificate.
* Refined attention to detail and problem-solving skills resulting from conducting personal and professional projects requiring innovative thinking and creativity for solving.
* Can work excellently in a team environment, with experience in conflict resolution and well-developed time management / discipline skills.
* Proficient in English, French and Arabic

**Experience**

**University of Ottawa Microbiology Laboratory** (July 2017-August 2019)

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| **Laboratory / Research Assistant**   * Worked with a team of graduate and post-doctorate students to help them complete their experimental projects. * Conducted an academic research project looking at the effects of mutagenesis of specific mutations on bacteria *Pseudomonas fluorescens* * Completed work while adhering to applicable health and safety regulations and best practices. * WHMIS and lab safety training completed. * Developed experience reading and analyzing scientific articles. * Refined critical thinking and problem-solving skills used in troubleshooting any research error. * Sterilized material through autoclave cycles, diluted and plated bacteria for growth, counted bacterial colonies, made different types of mediums on which bacteria grow. * Effectively communicated with team to ensure efficient and quick work in order to finish projects under time constraint. * Performed calculations to ensure successful dilutions and optimal bacterial growth. * Learned and performed various lab techniques such as primer construction, polymerase chain reaction, gel electrophoresis, ligation, transformation and mating reactions, data analysis. * Developed time management skills around autoclave cycles. |
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**Prince Gourmet Fast Food Shawarma** (June 2013 – April 2017)

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| **Cashier and Cook**   * Worked while adhering to kitchen health and safety guidelines. * Developed ability to work well under stressful conditions. * Developed fluent communication, listening and customer service skills. * Learned to multitask in busy situations. |

#### Volunteer and Extracurricular Experience

**Ronald McDonald House Charities** (September 2019 – April 2020)

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| **Family Room Manager**   * Worked alone or with a partner to manage 2 family rooms in weekly shifts of 5 hours. * Provided service and comfort to parents and children in need. * Developed a great sense of empathy and professional communication, along with great listening skills.   **Let’s talk science** (September 2019 – January 2020)   |  | | --- | | **Classroom presenter**   * Performed presentations and fun activities with 6th grade students regarding space exploration to broaden the students’ understanding of science and space in particular. * Refined communication skills to effectively convey ideas to individuals of all ages, learning how to turn complex ideas into simple concepts. * Learned effective presentation techniques. | |

**Al-Mahdi Community Center** (October 2018 - Present)

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| **Meeting Organizer / Sound Manager**   * Help arrange and consistently attend weekly meetings discussing philosophy / Islamic theology / Islamic living in contemporary society. * In charge of running the sound system during community meetings. * Help organize and set-up online book-club for community members. * Refined critical thinking skills to understand abstract philosophical notions. * Refined management skills to help setup the meetings. * Developed sense of leadership as an active member of the community. |

#### Certifications / Training

* CPR level ‘C’ certificate
* First aid certification complete
* French immersion certificate
* Tri-Council ethics certificate
* Leadership certificate level 1