

# Adam J. Kolides

Bolton, Ontario L7E 1J5 | 416-627-2207 | [adam.kolides@gmail.com](mailto:adam.kolides@gmail.com)

---

## SKILLS

- Proficient in Java, C++, Assembly Language, Python, HTML, CSS (Bootstrap), JavaScript, SQL, & C#
- Skilled in Data Structures, Algorithms, Computer Networks, Database Management, and Linux
- Knowledgeable with Artificial Intelligence and Machine Learning Algorithms
- Experience with Git, Microsoft .NET Framework, Junit testing, and Selenium Drivers
- Created projects utilizing Tomcat, Node.js, Pug, MongoDB, and Mongoose

## PROJECTS

- Independently designed and programmed a website using JavaServer Pages, a Tomcat server, and a Microsoft Access database that allows users to offer up items for trade
- Collaborated with a group of students to design an interactive educational simulation program
- Designed and coded a program to implement a new variation of encryption using photos
- Coded a simple shopping app that utilized MongoDB and Mongoose
- Coded a basic chat room using a Tomcat server

## PUBLICATIONS

- "Artificial Intelligence Foundation and Pre-trained Models: Fundamentals, Applications, Opportunities, and Social Impacts", Simulation Modelling Practice and Theory Vol. 126, July 2023, DOI: <https://doi.org/10.1016/j.simpat.2023.102754>

## WORK EXPERIENCE

### IT Consultant

WCG:ITX, Supervisor: Bill Walseth

May 2023 - Present

- Develop and implement new and existing features
- Actively working with various languages and environments such as Visual Studio 2012, ASP.NET C#, XSL/XSLT, JavaScript, CSS, Microsoft SQL 2014, XML, JSON

### Privacy and Security Intern

Apotex, Supervisor: Tony Lee

May 2022 - August 2022

- Monitored security dashboards daily
- Designed and coded multiple SQL queries
- Analyzed current company policies to determine compliance with ISO 27001 standard
- Prepared an RFI for MDR/MSS providers and reports comparing security SOPs

### Computer Science Teaching Assistant

Duquesne University, Supervisor: Dr. Jeffrey Jackson

May 2022 - May 2023

- Instructed 3 lab sections for undergrad Java and Assembly Languages courses
- Tracked students' grades, attendance, and understanding of course concepts
- Assisted professors with grading data structures programs and assignments

### Computer Science Tutor

Duquesne University, Supervisor: Professor Alex Lipecky

Aug 2019 - May 2022

- Tutor 11 hours per week to help students comprehend a variety of subjects
- Monitored tutoree progress and communicated this with the course professors
- Topics tutored: Java, Python, Assembly Language, Data Structures, Algorithms, Discrete Math, Operating Systems, and Web-Based Systems

## EDUCATION

- Master of Science in Computer Science, Duquesne University, Pittsburgh, PA
- Bachelor of Science in Computer Science, Duquesne University, Pittsburgh, PA
  - Cybersecurity Certificate, Math Minor

## LINKS

Website: <https://kolidesa.github.io/> | Github: <https://github.com/kolidesa>

LinkedIn: [www.linkedin.com/in/adam-kolides-6b0b5119b](https://www.linkedin.com/in/adam-kolides-6b0b5119b)