

# Adam J. Kolides

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## EDUCATION

Master of Science in Computer Science, Duquesne University, Pittsburgh, PA Expected May 2023  
GPA: 90% (3.60/4.0), Dean's List  
Bachelor of Science in Computer Science, Duquesne University, Pittsburgh, PA May 2022  
Cybersecurity Certificate, Math Minor

## SKILLS

- Proficient in Java, C++, Assembly Language, Python, HTML, CSS, JavaScript, and SQL
- Skilled in Data Structures, Algorithms, Computer Networks, Database Management, and Linux
- Knowledgeable with Artificial Intelligence and Machine Learning Algorithms
- Experience with Git, 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", Pre-print, DOI: <https://doi.org/10.1016/j.simpat.2023.102754>

## WORK EXPERIENCE

### 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 - Present

- 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 assessments

### 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

## ACTIVITIES

Duquesne University Orientation Team Leader Aug 2019 - May 2022  
Eagle Scout Award, Troop 17, Denville, NJ Mar 2015

## 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)