

# Evan Walker

## Personal Information

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🌐 [https://evangwalker.github.io/Evan\\_Walker\\_Portfolio/](https://evangwalker.github.io/Evan_Walker_Portfolio/)  
📄 <https://www.linkedin.com/in/evan-walker-2966991a9/>

## Profile

QA / Developer with 4 years experience performing functional/accessibility testing for a variety of Industry verticals including Insurance, Education and Government. I have led a team of accessibility testers to audit a client's website while performing my own responsibilities as lead tester. My ability to act as the target user to undermine the functionality of the software and expose key vulnerabilities in the system has helped clients create stronger products. I am an experienced python developer able to analyze large models with statistics and machine learning algorithms. I thrive in an environment where I can assume a variety of responsibilities and help shape the service/product.

## Skills

Python	SQL	Javascript
Excel	Accessibility Insights	NVDA
Tensorflow	SciPy	numPy
scikit	Project Lead	Jira
Adobe Experience Manager	Wordpress	SAP ECE/ECC
SAP S/4HANA	SAP SuccessFactors	

## Work Experience

### Software Tester Plato

📅 05/2022 – present

- Performed manual functional and accessibility testing on a variety of SAP products
- Performed end-to-end tests on SAP S/4HANA and SAP SuccessFactors, assuming the role of an HR professional onboarding/offboarding and transferring employees to various roles within the company
- While operating as client's lead functional tester: led a team of 3 interns to conduct accessibility testing across client's full website using WAVE, NVDA and AXE; ran and modified Katalon scripts
- Developed testing strategy and test cases based on business requirements and user experience
- Used exploratory testing to break a learning portal by spamming clicks, undermining the functionality of the portal, preventing impatient users from breaking the site after deployment

### Data Science Intern Paper

📅 08/2021 – 02/2022

- Converted the constraints for the scheduler into activity diagrams and determined time complexity.
- Independently created a geometrical method for determining the "knee-bend" in raw data (raw data resembled exponential decay).
- Implemented kfold cross validation to examine accuracy of raw data as a predictive model.
- Created a Decision Trees model that provided valuable insight into the scalability of the scheduler.

### Math/Science Tutor Learning Tree/PDPlus/Independent

📅 10/2017 – 05/2022

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- Work Experience**
- Followed the Socratic method of teaching to guide students in grades 1-12 and 1st year university through subjects such as Physics, Chemistry, Statistics, and Calculus.
  - Tailored tutoring sessions to meet individual student needs and learning styles.
  - Utilized effective communication to help students achieve academic goals.
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**Strengths**

End-to-end testing

User experience testing

Functional testing

Accessibility testing

Predictive modelling

Strong analytical skills

Proficient in programming

Excellent problem-solving abilities

Advanced statistical knowledge

Experience with machine learning

Strong communication skills

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**Education**

**Physics | Bachelor's of Science  
University of Toronto**

📅 09/2014 – 04/2020 📍 TORONTO, CANADA

- Designed and constructed a bubble chamber to detect charged particles from space.
  - Built a functional AM Radio from scratch.
  - Utilized optical tweezers to trap silicon particles.
  - Modeled linear and nonlinear PDEs using Python.
  - Implemented data collection and cleaning algorithms.
  - Conducted statistical analysis on lab data.
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**Certificates**

**Intermediate Machine Learning  
Kaggle**

**Intro to Deep Learning  
Kaggle**

**Javascript Algorithms and Data Structures  
freecodecamp**

**Data Cleaning with Python Path  
Dataquest**

**Data Analysis and Visualization with Python Path  
Dataquest**

**SQL Fundamentals Path  
Dataquest**

**Python for Data Science: Intermediate Course  
Dataquest**