

Julian Davies

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Github: <https://github.com/juliandavies-CS> Project: <https://resume-bot-td8i.onrender.com/>

Work Experience

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| <ul style="list-style-type: none">● Software Developer● Associate Quality Assurance Developer● Internship | Opentext | <i>2025 – Present</i> |
| <ul style="list-style-type: none">○ Backend development including using LangChain and LangGraph.○ Integrated vector databases to store and retrieve embeddings for responses and semantic search.○ Leverage LangGraph to orchestrate multi-agent and multi-tool flows for the highest accuracy.○ Optimized prompt engineering to enhance LLM response quality.○ Maintain a microservices structure.○ Adhere to CI/CD pipeline and linting requirements. | | |
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| <ul style="list-style-type: none">● Software Developer● Associate Quality Assurance Developer● Internship | | |
| Opentext | | |
| <i>2023 – 2025</i> | | |
| <ul style="list-style-type: none">○ Backend development including integrating a SQL database with existing and new APIs.○ Work with OAuth2 authentication flows for cloud and on-prem customers.○ Lead development of token lifecycle using Redis.○ Maintain a microservices structure.○ Adhere to CI/CD pipeline and linting requirements.○ Work with HTML, CSS, and Javascript to create a user-friendly experience.○ Use EJS templating for server-side HTML generation. | | |
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| <ul style="list-style-type: none">● Associate Quality Assurance Developer● Internship | | |
| Opentext | | |
| <i>2022 – 2023</i> | | |
| <ul style="list-style-type: none">○ Assisted in software development to aid the implementation of new features.○ Managed and tested within different environments including development, pre-production, and multi-international production.○ Contributed and designed functionality of automated tests using Selenium.○ Designed and ran regression tests to meet hard deadlines.○ Worked within a QA Team to collectively assess bugs and their impact on customers.○ Wrote Python scripts to tackle inconsistent bugs to define reproducibility and level of importance.○ Worked with developers on feature implementations to identify edge-cases and overall customer experience.○ Implemented accessibility features to the product (JAWS). | | |
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| <ul style="list-style-type: none">● Internship | | |
| Opentext | | |
| <i>Summer 2021</i> | | |
| <ul style="list-style-type: none">○ Managed and tested the product within different environments including development, pre-production, and multi-international production.○ Ran regression test-suite to meet the deadline of production deployments.○ Relayed bugs to the developer team to portray importance, customer impact, and other key aspects. | | |

● ***Internship*** ***Opentext*** ***Summer 2017- 2020***

- Wrote Javascript based code for quality assurance of a web-based file collection and display system.
- Implemented efficient and visually appealing features to the product that was seen by customers.
- Collaborated with a team of individuals to create an effective and cohesive plan to reach a common goal.
- Reviewed work of myself and peers to improve and optimize bug fixes and feature implementations.

● ***Internship*** ***Opentext*** ***Summer 2016***

- Focused on writing test cases for a web-based file storage system using Selenium IDE.
- Worked in a primarily solo environment and provided efficient work ahead of deadlines.

Education

Carleton University

Bachelor of Computer Science

Appleby College

Highschool Diploma

Technical Skills

- Proficient:
 - Languages: Python, Javascript, Java, HTML/CSS
 - Tools: Git, JIRA, JUnit, Selenium, Postman API, Redis
- Familiar:
 - Languages: C++, SmallTalk, DrJava
 - Tools: Perforce, Selenium IDE, Springboot, Node.js, EJS

Volunteer Experience

- ***Oakwood Breakfast Program*** ***September 2014 - May 2015***
 - Prepared and served breakfast for an elementary school
- ***First Mentors*** ***September 2013 - May 2014***
 - Planned and participated in activities for children that are a part of Big Brother Big Sister that are awaiting for their match
- ***Camp Justice*** ***July 2013 - August 2013***
 - Played games and taught children within lower privileged areas
- ***Service Project in Tanzania*** ***March 2013***
 - Helped a local school by building the foundation of a new classroom as well as attended classes with the children
- ***Service Project in Costa Rica*** ***March 2011***
 - Helped a local community by building a well, greenhouse, and a gate to keep out wild animals