

**Robert Alex Clark**

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<https://github.com/bigal41/>

## **EXPERIENCE**

**Software Developer, Engineering, Veriday Inc.; Mississauga, Ontario    Aug 2021 - Present**

- Use Java to build and support features for Digital Agent platform.
- Use React and Next.js to build external application to support Digital Agent.

**Software Developer, PS, Veriday Inc.; Mississauga, Ontario    Jan 2017 - Aug 2021**

- Completed Liferay DXP Training
- Certified Liferay Trainer
- Developed multiple applications using Liferay, Angular, and Vuejs.

**Software Developer, iNet Public Safety Inc.; Mississauga, Ontario    November 2013 - January 2017**

- Creating a report management software system for police departments, using HTML, CSS, Javascript, AngularJS and Kendo UI.
- I mentored a co-op student and assigned tasks when needed.
- Use Apache Flex to help develop Computer Assisted Dispatch (CAD) software.
- Use Java, Spring, Hibernate, and SQL to help develop server and database for CAD software.

**Student, Canada Revenue Agency; Ottawa, Ontario    October 2012 - May 2013**

- Have reliable security status
- Created a MS Access database to store floor plan, salary, and financial data used to produce ad hoc management reports.
- Created VBA Scripts to automate bi-weekly reports requiring minimal user interface.
- Created ad hoc reports of different floor plan related items and financial items.
- This job was interesting because I got to create and manage my own database that will be used in the future. It also helped me practice my Visual Basic skills.

**Research Assistant, Department of Natural Resources; Ottawa, Ontario    May 2012 - August 2012**

- Statistical Analysis Software (SAS) to analyze large datasets (up to 10 million lines of data). The analysis compared datasets from two separate companies that claimed to be identical. The analysis was to determine which dataset was more accurate.
- Created SAS programs to validate and clean data to facilitate accurate reports.
- Schedule and lead meetings between multiple government agencies that my team was working with. This included collaborating with employees from those agencies to create the best SAS programs to extract the data.
- The conclusion of my placement I had to create a presentation for the Director of my department and other managers that demoed my SAS programs. This also included writing up documentation that was used to run the programs that I created.

**EDUCATION**

**Carleton University, Ottawa, Ontario    Bachelor of Computer Science, Minor in Statistics, 2013**

- Vice President - Computer Science Society
- Freshmen Orientation Facilitator – 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> year

**SPECIAL PROJECTS AND INTERESTS**

- Create and manage my own personal website.
- Tutored a student at the local college in C programming, and HTML/CSS programming
- Creating a basketball blog using a NodeJS, Express Framework backend, MongoDB and AngularJS front end. Which is being hosted on Amazon Web Services. All which has been self taught to create the website.

**FREELANCE**

- Created a company website for Morey Associates Ltd.
  - ❖ Customized CSS for different viewing devices.
- Contract Work for Two Ducks consulting
  - ❖ Using Eclipse and Java.

**SKILLS**

- Able to learn new languages and technologies quickly
- Programming Languages: C++, C, Java, JavaScript, HTML, CSS
  - Self taught NodeJS using Express Framework and MongoDB.
- Frameworks and Libraries: Spring, Hibernate, Apache Flex, AngularJS, Bootstrap, Kendo UI, Angular, Vuejs
- Technical tools: MySQL, Visual Studio, Eclipse, Git, Tortoise SVN, Adobe FlashBuilder
- Strong written and verbal communication skills
- Strong interpersonal skills
- Outstanding mathematical and statistical skills
- Strong analytical and problem solving skills
- Ability to work individually and as a team player