

# Garnett A. Grant

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Toronto, ON

## JUNIOR SOFTWARE ENGINEER

Agile - Systems-Oriented - Self-Motivated

### EDUCATION

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- **Centennial College School of Engineering Technology and Applied Science** Toronto, ON  
*Advanced Diploma in Software Engineering — Artificial Intelligence(Co-op); GPA: 4.00* Sep. 2021 - Dec. 2024

### EXPERIENCE

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- **diliGentt** Toronto, ON  
*Independent Contractor* Oct 2015 - Present
  - **Graphic Design:** diliGentt is a personal brand to be patented. diliGentt develops and produces high-quality design products (flyers, cover art, book art, website mockups etc.,) using Photoshop, in consultation with individualized needs of clients
  - **Junior Software Engineer:** Incorporate designs, mock-ups, jpegs, pngs customized by diliGentt into projects
- **Centennial College School of Engineering Technology and Applied Science** Toronto, CA  
*Junior Software Engineer / Web Developer / Data Engineer / AI Engineer / Analyst* Sep 2021 - Present
  - **Web Application Development:** Manipulate HTML, CSS, and JavaScript, and it's more advanced features to develop powerful, responsive, interactive, robust, and maintainable multi-page websites that observe widely accepted design guidelines using current concepts and technologies.
  - **Software Engineering:** Compose and analyze detailed software engineering documents such as SRS, Requirements Analyst Document, etc., in light of software re-usability, agile-based methodologies, and professional best practices, using software engineering processes and methodologies, models both textual and graphical(UML/Non-UML),
  - **Database Fundamentals:** Manipulate SQL and NoSQL databases
  - **AI Engineering:** Utilize informed and uninformed search patterns such as DFS, BFS, Greedy Search, A\* Search

### PROJECTS

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- **Real Estate Agent Website:**
  - Deployed a responsive marketing website for a real estate agent, Janae Hall. Design key features including, a dynamic photo gallery, contact form, site-map, landing page
- **Software Requirements Specifications Document:**
  - Prepared a Software Requirements Specification document within a team of 4, based on a software concept 'Consistency - Application Launcher', which allows users to concisely launch and boost applications from an aesthetically appealing customizable interface jam-packed with widgets and tools
- **Blood Bank Database:**
  - Conceptualized UML/Non-UML Diagrams in a team of 3 and constructed a database based on the diagrams
  - Updated database relationships, contents, constraints based on testing
  - Documented the process; Created a database solution with Oracle SQL in regard to potential traceability issues

### PROGRAMMING SKILLS

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- **Languages:** : JavaScript, C#, Python, SQL, Java
- **Technologies:** : ReactJS, jQuery, Node.js, MongoDB, Express.js, JIRA, SCSS, GitHub, .NET, Bash, UNIX/Linux, VSCode, PyCharm, IntelliJ, Eclipse