



# Thomas Dumez

## Full Stack Web Developer | MERN Stack

 (604) 935-4695  
 dumezthomas.dev  
 contact@dumezthomas.dev  
 github.com/dumezthomas  
 linkedin.com/in/dumezthomas

### Profile

I am a **Full Stack Web Developer** with a Bachelor of Science degree in Information Systems. I have recently completed various courses about *Amazon Web Services (AWS)*, *Agile Project Management*, and front-end and back-end modern technologies, such as *React.js*, *Next.js*, *Node.js*, *Express.js*, and *MongoDB*. Additionally, I have over three years of experience working as a software developer on complex projects and systems.

### Technical skills

- *Programming languages*: C, Java, and JavaScript
- *Web Frameworks*: React, Next.js, Node.js, and Express.js
- *Databases*: SQL (MySQL) and NoSQL (MongoDB, Firebase)
- *User Authentication*: Basic Authentication, JWT Based Authentication, and OAuth
- *Other*: HTML5, CSS3, REST API, JSON, Git, and GitHub
- *Applications*: MS Visual Studio Code, Eclipse, and Postman
- *Operating systems*: Windows and Linux

### Education

**Bachelor of Science in Information Systems (Specializing in Industrial Computing)** **2013**  
*HEPL - Haute Ecole de la Province de Liège, Liege, Belgium*

### Licenses and certifications

**Full-Stack Web Development with React Specialization** **2022**  
*The Hong Kong University of Science and Technology, Coursera*

**Modern Application Development with Node.js on AWS Specialization** **2022**  
*Amazon Web Services (AWS), Coursera*

**Agile Project Management** **2022**  
*Google, Coursera*

### Relevant work experience

**Software Developer** **2013 to 2016**  
*Visio Ing Consult, Hannut, Belgium*

- Developed a new computer vision software application which was capable of complex image processing for industries and production lines
- Performed research on computer vision algorithms associated with the computer vision software application
- Took part in a *FULLCTRL* research project in partnership with Wallonia which was aimed at developing a fully automatic and universal control unit for diverse and varied plastic or metal parts
- Wrote, modified, integrated, and tested software code for various software applications and products
- Maintained existing computer programs by making modifications as required
- Identified and researched various technical problems with software and communicated feasible solutions to solve those issues to the team
- Assisted in collecting information about user requirements and documenting the user requirements
- Supported in the development of logical and physical specifications and documented the information
- Prepared various technical reports and manuals on the status, operation, and maintenance of software applications

**Software Developer Intern** **2013**  
*CISTER, Porto, Portugal*

- Implemented a Work Stealing Scheduler in a real-time operating system which could distribute the scheduling of work over idle cores

## Other work experience

### **Ski Instructor**

**2021 to Present**

*Whistler Blackcomb, Whistler, BC*

- Supervising a group of children for the day on Whistler Mountain in a variety of activities including instruction, safety, lunch, and special events
- Performing morning registration, set up and afternoon clean-up duties as assigned
- Providing written and verbal communication on each child's day to their parents at the completion of each lesson
- Following the guidelines and safety rules as outlined in the Safety Manual
- Being responsible for the physical, mental, and emotional needs of all children in your care
- Acting as a prudent parent in the absence of the child's parent

### **Chef De Partie**

**2017 to Present**

*Nita Lake Lodge, Whistler, BC*

- Preparing, cooking, and presenting high quality dishes within the specialty selection
- Assisting the Sous Chef with daily tasks including creating menu items, recipes and developing dishes, and estimating the daily production needs of the kitchen
- Assisting the management team with various health, safety, and food hygiene practices
- Overseeing the maintenance of the kitchen and food safety standards
- Guiding and training new staff team members in safety procedures and kitchen practices, and ensuring effective communication between staff members

### **Events Host Volunteer**

**2017 to 2018**

*Whistler Blackcomb, Whistler, BC*

- Entertained multiple guests who came to the mountain by engaging with them in various activities

### **Cost Estimator – Planner**

**2009 to 2011**

*Dauvister, Stavelot, Belgium*

- Estimated and quoted prices for various projects and tracked invoicing and accounts receivable
- Provided technical support to salespeople on various computer issues
- Answered in-coming telephone calls and directed messages using a multi-line telephone system
- Supported customers via email by answering questions about the company
- Supported and scheduled up to 20 skilled construction workers at a given time
- Monitored construction materials stock
- Supervised the construction efforts and projects at various sites