

**Felicity Dynamic**  
1235 Mackay, Apt.112  
Montréal, Québec, H5D K8L  
514-656-9863  
t\_m@yahoo.com

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## **PROFILE**

- Over three years experience in the Aerospace industry in the area of Product Design Experience working with C++ and Matlab
- Fluently bilingual in both English and French and willing to travel
- Highly motivated with superior analytical, organizational and communication skills

## **TECHNICAL SKILLS**

**Programming Languages:** C/C++, Visual C++, Fortran 77  
**Operating Systems:** Unix, Linux, Windows, Mac OS  
**Software Packages:** Microsoft Office, AutoCAD 2000, Adobe Photoshop and Illustrator, Lotus Notes  
**Other Skills:** Installation of software, software testing, cost estimation

## **EDUCATION**

**Master of Engineering, Mechanical** DATE  
Concordia University  
Montreal, Quebec  
*Thesis:* "The Thermodynamics of Combustion Engine Protocols"

**Bachelor of Engineering, Mechanical** DATE  
Florida State University  
Gainesville, Florida, USA

**Relevant Courses:** Fundamentals of Vehicle Systems, Vehicle Dynamics, Flight Control Systems, Avionic Navigation Systems

## **LANGUAGES**

French, English, Spanish

## **CAREER-RELATED EXPERIENCE**

**Junior Engineer** DATE  
Boeing, Seattle, Washington

- Collaborated with team of Engineers in the design of V-247 series jet engines
- Remodeled existing engine structures using AUTOCAD in order to reduce weight and enhance the aerodynamics of the compartment
- Conducted extensive research into the metallic properties of engine parts to ensure engine longevity and quality
- Gained extensive knowledge of AUTOCAD, C/C++ and Fortran +77

**Intern**

DATE

Bombardier, Montreal, Quebec

- Received training on Bombardier's design, production, budgeting and marketing programs
- Shadowed engineers from the design department in order to understand the evolution of the product design process
- Identified structural capacities of airplane structures using specialized software
- Presented findings with other interns to groups of Bombardier engineers at meetings

**ACADEMIC PROJECT**

**The Thermodynamics of Combustion Engine Protocols**

DATE

- Collaborated with three classmates on year long study focused on developing a more efficient way to build combustion engines
- Conceptualized new method using C++ and MatLab
- Developed an extensive work plan, created a detailed report and presented findings to audience of Concordia professors and students

**OTHER WORK EXPERIENCE**

**Teaching Assistant**

DATE

Department of Engineering, Concordia University, Montreal, Quebec

- Assisted Concordia Professors in teaching Calculus and Physics courses Graded assignments and exams in an accurate and timely manner
- Met individually with students to provide them with specialized assistance

**Sales Associate**

DATE

Smoothie Extravaganza Inc., Gainesville, Florida

- Developed multitasking skills by working under pressure in a fast-paced environment Conducted financial transactions ensuring accuracy and following all company policies
- Designed smoothies which catered to customers' specific health needs and tastes

**OTHER ACTIVITIES**

**Volunteer**

DATE - Present

The Humane Society, Montreal, Quebec

- Take rescued animals on walks and assist in promoting pet adoptions
- Familiarize new volunteers to the Center's health and safety policies