

Tina Mentor
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EDUCATION

Bachelor of Engineering, Mechanical Engineering DATE
Specialization in Aerospace and Vehicle Systems
Concordia University, Montréal, Québec
Cumulative Grade Point Average: 3.65 / 4.30
Relevant Courses: Fundamentals of Vehicle Systems, Vehicle Dynamics,
Flight Control Systems, Avionic Navigation Systems

Diploma of Collegial Studies, Pure and Applied Science DATE
Vanier College, Montréal, Québec

LANGUAGES

Fluent French, English, Italian, and conversational Hindi

COMPUTER 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

ACADEMIC PROJECTS

- Composite Materials in Aerospace and Structural Design**
- Analyzed leading composite materials in Aerospace Applications
 - Compared different thermoplastic alloys for use in body panels
 - Inspected composite structures on a CF-18 fighter using ultrasonic laser technologies
- Manufacturing of Graphite/Epoxy Composite**
- Prepared and executed manual lay-up of pre-impregnated graphite/epoxy in 0/90/0/90 sequence
 - Conducted autoclave curing
 - Calculated fibre volume fraction through a microscopic photograph

CAREER-RELATED EXPERIENCE

Research Assistant DATE
Concordia Centre for Composites, Montréal, Québec

- Researched and developed a new method of dynamic resin deposition on braided composite structures
- Designed machine component for the composite braiding machine using parametric solid modeling

ADDITIONAL WORK EXPERIENCE

- Sales Clerk** DATE
- The Uptown/Lowdown Fashion Depot, Milan, Italy
- Designed daily store layout and mannequin display
 - Assisted tourists in purchasing haute-couture
 - Maintained company policies of appearance, punctuality and perseverance in attaining high sales revenue
- Head Waitress** DATE
- Le Petit Canard, Lac de Plumes, France
- Served eclectic cuisine in a high volume restaurant
 - Handled monetary exchanges and daily receipts
 - Delegated work-place duties to junior servers
 - Provided necessary training for new employees

EXTRA-CURRICULAR ACTIVITIES

- Treasurer** DATE
- Mechanical Engineering Association
Concordia University, Montréal, Québec
- Organized and managed monetary funds
 - Distributed appropriate amounts for council events

VOLUNTEER EXPERIENCE

- Childcare Assistant** DATE
- Kids With Keyboards, Laval, Québec
- Taught basic computer skills to disadvantaged children
 - Promoted yearly fundraising drive
 - Created advertisements and promotional campaigns

AWARDS AND ACHIEVEMENTS

- Member of Golden Key International Honours Society DATE
- Concordia University Entrance Scholarship DATE
- Pearson J. Peavy Award – Excellence in Physics DATE
- Sun Life Award of Recognition for Community Service DATE

INTERESTS

Languages, Travel, Badminton, Cross-Country Running and Desserts

References Available Upon Request