

# Emmanuel Elmajian

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University of Waterloo

Systems Design Engineering

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## SUMMARY OF QUALIFICATIONS

- Superior leadership and communication skills through completion of Dale Carnegie Program
- Bilingual, English and French
- Thorough knowledge of computer languages and applications through formal education and work projects
- Excellent grasp of business concepts, strategies, and financial issues through workplace and investments experience
- Excellent presentation and reporting skills through work experience and participation in public forums
- Excellent analytical, troubleshooting, and teamwork skills through workplace experience and team projects

## COMPUTER SKILLS

- Languages:
  - HTML, ASP, CSS, PHP, SQL
  - C++, C#, Java, VBA, Pascal, QBASIC
- Desktop Applications:
  - Adobe Photoshop, Macromedia Dreamweaver, Macromedia Flash, Teamsite
  - Microsoft Office, Simply Accounting, Lotus Smartsuite
  - Brio Intelligence (Hyperion), AutoCAD, Borland Delphi
- Computer Telephony Integration Applications:
  - Genesys Framework Suite
  - Genesys Reporting Suite
  - Genesys Voice Treatment Option, Interactive Voice Response System

## WORK EXPERIENCE

### Associate Product Manager

*May 2007-August 2007 (Term)*

Google Inc., Mountain View, California

- Managed products within the Mobile Group
- Created product plans and strategies outlining the development and release process for new products
- Conducted capability and feature analysis for new products

### Business Application Developer

*August 2006-December 2006 (Term)*

Barclays Capital, New York, New York

- Designed a system for rapid saving and loading of business data to be deployed globally
- Provided thorough analysis and recommendations on future of business application development within the Equity Derivatives Group
- Developed enhancements for a real-time volatility engine

### Business Intelligence Specialist

*January 2006-April 2006 (Term)*

Genesys Telecommunications Laboratories, an Alcatel company, Saint John, NB

- Consulted on the technical requirements for achievement of ‘Support Center Practices’ certification program
- Developed full-featured web-based dashboard reporting system for use among all levels of the support organization
- Created automated procedures for calculation of key business intelligence metrics within the organization

### **Navigation Systems Programmer**

*May 2005-August 2005 (Term)*

Nav Canada, Ottawa, ON

- Built a landing system analysis application to expose problem areas and their correlations with weather and visibility
- Created a landing system simulator to validate functionality of monitoring software used at airport control towers
- Implemented a new database system used for storing airport equipment information

### **Project Administrator**

*August 2004-December 2004 (Term)*

Genesys Telecommunications Laboratories, an Alcatel company, Saint John, NB

- Collaborated on a major project to incorporate cutting edge computer/telephony technologies within all Genesys technical support centers across the globe
- Provided Interactive Voice Response scripts using full Text-to-Speech engines for a more tailored client support system
- Built telephony monitoring scripts and custom reports to facilitate superior execution of customer support

### **Marketing and Financial Consultant**

*June 2001-Present*

Cedar Enterprises Ltd. and Mother Nature’s International Ltd., Saint John, NB

- Develop and implement financial and marketing strategies as they relate to new business ventures
- Design and create websites, menus, and trademarks as components of marketing strategies

### **Website Designer**

*June 2001-Present*

- Create, design, and maintain websites for several companies and organizations including:
  - Vivaldi’s Pasta and Grill, Fine Dining, Saint John, NB
  - Kidsing Musical Theatre School, Quispamsis, NB
  - Forget-Me-Not-Bears, Quispamsis, NB
  - Desert Magick Dance Troupe, Quispamsis, NB
  - Centrepointe Laser Hair Removal Clinic, Ottawa, ON
  - Kennebecasis Valley High School Alumni Association, Quispamsis, NB
  - Signa Love, Mezzo-Soprano, Wolfville, NS
  - The Studio Dance School, Rothesay, NB
  - Kennebecasis Valley High School, Quispamsis, NB
  - Bill Farren Candidacy for Saint John City Council, Saint John, NB

## **EDUCATION**

- Honours Bachelor of Applied Science, Systems Design Engineering, University of Waterloo, Waterloo, Ontario, Sept. 2003 – June 2008.
  - Graduated on Dean’s List
  - Double Concentration: Computer Engineering and Management Sciences
- New Brunswick High School Diploma (Valedictorian), Kennebecasis Valley High School, Quispamsis, New Brunswick, 2003

## CONFERENCE PAPERS

- Allison, M., Chen, W., Elmajian, E., Mohindroo, S., Po, K., Ruban, S., et al. (2007). *Motorized Step Rollator for Elderly Home Safety*. Presented at the Festival of International Conferences on Caregiving, Disability, Aging and Technology. Toronto, Canada.

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Dean's List Graduate, University of Waterloo
- Millennium Scholarship, Canadian Millennium Scholarship Foundation, 2003
- Engineering Entrance Scholarship, University of Waterloo, 2003
- Governor General's Medalist and Valedictorian, Kennebecasis Valley High School, 2003
- Canadian National Scholar, Advanced Placement Program Examinations, College Board, 2003
- Advanced Placement Scholar with Distinction, College Board, 2003
- Top mark in school, American Mathematics Competition, 2001
- Medalist, Canadian Open Mathematics Challenge, 2001 and 2002
- Third Place in New Brunswick, Canadian Association of Physicists High School Physics Competition, 2002
- First Place in New Brunswick, Provincial French Oratorical Competition, 1999 and 2000

## EXTRACURRICULAR AWARDS AND DISTINCTIONS

- Graduate of the Dale Carnegie Program in Effective Communications and Human Relations, 2006
- Silver Medal, Royal Conservatory of Music, Grade 10 Piano, for highest mark in Atlantic Canada, 2001, and Silver Medalist in years 1999, 1998, and 1996
- Second Place Overall, Royal Bank of Canada Shad Valley Entrepreneurship Competition, University of Waterloo, 2002
- Second Place in New Brunswick, Under 16, Provincial Chess Competition, 2000

## EXTRACURRICULAR ACTIVITIES AND INTERESTS

- **Investor and Analyst**, financial markets and stock trading, 1999-present
- **Chemistry and Math Tutor**, group and individual tutoring sessions, 2002 and 2003
- **Shad Valley Program Member**, Engineering/Science/Technology/Entrepreneurship Development Program at the University of Waterloo, 2002
- **Pianist, Composer, and Accompanist**, New Brunswick Competitive Festival of Music, Royal Conservatory of Music Examinations, and public concerts, 1992-2003
- **Actor**, Kennebecasis Valley High School and KV Players Theatre Company productions, 2003
- **Tenor Sax Performer**, Kennebecasis Valley High School Concert and Jazz Bands, 2000-2003
- **Tennis Player**, High School varsity tennis team, 2002 and 2003
- **Soccer Player**, New Brunswick Fundy Soccer Association, 1994-2001