

JAMES A. STYLES
2409 Duthie Avenue
Burnaby, British Columbia, V5A 2S4
Home: 604-420-9692
e-mail: james_styles@telus.net

Work Experience:

Actenum Corporation
Developer

2005-Current

Working in Java and developing commercial software implementing advanced Constraint Programming solutions to scheduling problems in a variety of business applications from the scheduling of earth observing satellites to scheduling of staff in the health care industry.

- Generalized Reliability Models for Flow/Production Systems
- Preventative Maintenance Scheduler
- Ambulance Dispatch Simulator for Major Metropolitan Areas
- Distributed Population Based TSP/ Routing Solver

Simon Fraser University
Research Assistant

2005

Working with the Information Technology Lab on advanced problems in Computer Science.

- Developing visualization software in C++ to monitor the progress and performance of Constraint Programming heuristics.
- Developing Constraint Programming applications in Java and C++ to verify the published work of other researchers in Artificial Intelligence.

Education:

Simon Fraser University
Computing Science (First Class Honours - 3.595 CGPA) Graduated 2007
Dean's Honour Roll – all semesters in 2005, 2006, 2007

British Columbia Institute Of Technology
Introductory Programming Certificate (Honours) Graduated 2003

Including:

C Programming Language (C2425, C3425), Pascal Programming (C1450)
C++ for C Programmers (C3475, C4475), System Analysis & Design (C2615)

Burnaby North Secondary
Graduated with Honours June 2003

AP Scholar standing with AP courses in Physics, Chemistry, and Computer Science
Concurrent student at SFU during Grade 12 year

Awards:

NSERC Undergraduate Student Research Award – 2005

Creating similarity measures for run time distributions of JSP solvers.

SFU Summit Scholarship – 2003

Paid for 2nd year tuition

BC Government Scholarships

Paid for 1st year tuition

Provincial Scholarship Award - 2003

Passport Scholarships Awarded for Honours standing in Grades 9,10,11,12

Award of Excellence – 2000

Burnaby North Secondary - Science Fair

Silver Medal in Engineering - 2000 (Hexapod Robot)

Greater Vancouver Regional Science Fair

Volunteer and Other Work Experience:

CAPP 11 - Student work experience **2001**

International Submarine Engineering Inc., Port Coquitlam, BC
Submarine construction and product assessment

Web Designer **2000-2002**

Burnaby North Secondary, Burnaby, BC 2002
Zero - G Station, part of the GameSpy Network 2001
C: FW Command, part of the GameSpy Network 2001

Representative for Burnaby North **2001**

High School: How To Be A Survivor - Grade 7 Boys Conference
Sponsored by Burnaby Teachers' Association

Guest Exhibitor **2000**

Science World, Vancouver, BC
Theme: Robotics

Skills:

Programming Languages:

HTML, Java, Perl, Basic, Pascal, C/C++

Applications:

Proficient in Macromedia Flash, Macromedia Dreamweaver,
Macromedia Fireworks, Visio, Swift 3D, FrontPage, Paint Shop Pro,
Adobe PhotoShop, Microsoft Word, Microsoft PowerPoint
Network: Installation of network cards, configuration of Novel network software