

# WEI HE

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## OBJECTIVE

A full-time position in quantitative analysis

## EDUCATION

**University of Minnesota - Twin Cities, Minneapolis, MN**  
*M.S. in Financial Mathematics, Current GPA: 3.83/4.00*

**May 2010 (Expected)**

**University of Waterloo, Waterloo, Ontario, Canada**  
*B.A.S. in Honours Computer Engineering, Co-operative Program*

**April 2008**

## SKILLS

Finance: Derivative pricing and hedging strategies, Economics, Accounting, Financial statement analysis

Trading: Active U.S. stock trader over 2 years. Highly understand and master stock trading skills.

Programming: C#, VB.NET, MATLAB, C++, Java, SQL, Python, XML, HTML

## PROFESSIONAL EXPERIENCE

### **AMD**

*Software Quality Component Engineer*

Markham, Canada

*Sept. 2007 – Dec. 2007*

- Developed automated testing tools using C# and C++ to detect video card issues implementing white-box NUnit and black-box strategies

### **SCOTIABANK**

*Programmer Analyst*

Scarborough, Canada

*Sept. 2006 – Dec. 2006*

- Designed and developed a project management application using C#, SQL Server, and ASP.NET to track and evaluate projects in Scotiabank

### **FINANCIAL SUCCESS STRATEGIES**

*Application Developer*

London, Canada

*Jan. 2006 – Jun. 2006*

- Constructed a financial analysis web application to analyze RRSP (Registered Retirement Saving Plan) investment strategies
- Constructed portfolio analysis models for personal investment tools including GIC, bond, stock and mutual fund
- The model considered multiple factors such as income taxes, government benefits and risk

### **RONALD CHISHOLM**

*Application Developer*

Toronto, Canada

*Apr. 2005 – Aug. 2005*

- Designed the company's logistic document generation system and trade entry system using Python, Zope and MySQL

### **HTXT**

*Database Administrator*

Beijing, China

*Dec. 2003 – Apr. 2004*

- Developed a billing system to generate monthly bills using Visual Basics and ASP

## OTHERS

VP of Financial Math Association at the University of Minnesota

2009 - present

Euclid mathematics contest winner (top 5%)

2002, 2003, 2004

University of Waterloo Entrance Scholarship

2003