Hemal Patel

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2A Computer Science and Business Administration
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SKILLS SUMMARY

Technical	Java, Shell/Bash Scripting, C, C++, Object Oriented Programming, SQL, Perl, Ruby on Rails, PostgreSQL
Applications	IBM DB2, Oracle Database, Sungard Software (Global One, LendingPit), Equilend, Eclipse, Microsoft Office, Accounting Software
Financial	Financial Modeling, Cash Flows, Statement of Comprehensive Income, Balance Sheet, Financial Analysis and Research, Bond/stock valuations, Pro-forma Financial Statements

WORK EXPERIENCE

National Bank Financial Ltd.   Toronto, ON
Application/Business Analyst, Securities Lending   (Jan 2014 – April 2014)
- Supported front office traders within the global equity derivatives department across Toronto, New York, Dublin and Montreal
- Increased front office trading volume on alternative trading systems, such as EquiLend, by up to 90% by making old processes more efficient
- Travelled to Montreal to work with settlements team to develop reporting solution and automate the Mark-to-Market manual process, effectively saving 4 hours of manual work per day
- Resolved close to 100 production issues under high pressure and stress environments

IBM Canada Ltd.   Markham, ON
Student-on-Call, DB2 for Linux/Unix/Windows   (Sept 2013 – Dec 2013)
- Investigated test and code defects related to latest DB2 build
- Ensured that all test buckets associated with the latest fix-pack are running clean and maintained the latest software build
- Rewrote and implemented test cases related to newly implemented features in Perl and C

IBM Canada Ltd.   Markham, ON
DB2 Developer Intern, DB2 for Linux/Unix/Windows   (May 2013 – Sept 2013)
- Developed test cases in Perl to test update, rollback, and backup features of the DB2
- Communicated effectively with business clients to develop plans to add features to the DB2 software that increased efficiency in their organizations
- Developed code in Java to add security and analytic features for DB2 Administration

VOLUNTEER EXPERIENCE

Nspire Innovation Network   Toronto, ON
Web Developer and Software Engineer, Nspire Platform   (July 2013 – Dec 2013)
- Maintained and regularly updated the website with events and images for marketing
- Developed administrative page on a Ruby on Rails platform and PostgreSQL database for use by various members across departments to increase efficiency
- Efficiently worked with graphic design team to develop and implement a redesign of the Nspire website
- Implemented agile software development methodology with a team of 4 members to develop the Nteract Platform to provide users and members a tool to connect with one another

Waterloo Banking Project   Waterloo, ON
Senior Director   (Oct 2012 – Present)
- Managed a team of 50 students in various departments in setting up Canada's first student-run credit union
- Planned and presented multiple Financial Launchpad events which taught students about making better financial decisions
- Conducted investment research and analysis to produce revenue data to be used in financial model
- Presented and pitched the startup to various investors through entrepreneurship competitions and developed valuable soft skills
- Conducted the review and revision of financial model and statements by working with the statement of Cash Flows and conducting Breakeven Analysis

EDUCATION

University of Waterloo and Wilfred Laurier University   Waterloo, ON
Candidate for Bachelor of Computer Science and Bachelor of Business Administration
> Honours:
>   - Finalist – RBC Capital Markets Stock Competition
>   - Finalist – Ontario Centre for Excellence
>   - Received $20,000 to assist in developing startup