Harp (Harpreet) Singh Athwal

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PROFILE

Growing up a preacher's son, engaged in neighborhood outreach, I learned to be friendly, open, and tactful from an early age. These soft skills in addition to an innate curiosity for technical challenges enables me to be a determined builder of scalable software, processes, personnel, and teams.

EXPERIENCE

Torch, New York City, NY

Technical Account Manager, Software Engineering Intern (May 2017 - Aug 2017)

▪ Managed Sales cycle for ~20 prospects. Developed existing customer relationships across non-profit groups and elected officials in various issue-areas. Researched public policy domain issues of client interest, created reports, and presented to customers on-site or virtually. Created Office, Product, and Client documentation for new staff.

▪ Developer Projects - Created Employee database (postgresql) for 600K non-profit organizations based on IRS tax data. Scraped websites for research (Python BeautifulSoup). Experienced AWS EC2 technology and LAMP-like setup process.

1010DATA, New York City, NY

Senior Data Analyst, Database Architect (July 2015 - Present)

▪ Served as Project Lead for the Coty - Proctor & Gamble M&A Data Integration Project. Built a Data Warehouse, Datamart, ETL Streams , and Application Requirements for 60+ International Retailer Data streams and Global + Local reporting.

▪ Served as Lead Analyst and Data Architect for the Sysco - US Foods Data Integration project Responsible for designing and maintaining scalable ETL flows and database principles for 1010data's first enterprise client (EDW solution).

▪ Created and Managed 1010data's first ETL team. Migrated Sysco's ETL, data warehousing, reporting and analytics for Executive, Revenue Management, Category Management, Supply Chain, and Customer SLA business teams. Helped grow this 2 person project into our company's largest account with over 20 staff.

Data Analyst (September 2013 - June 2015)

▪ Served as Lead Analyst for the Savemart and Dollar General accounts. Managed account needs, trained staff and clients, and created technical documentation.

▪ Completed 1010data Management Training. Later managed 2 direct reports, and lead a project staff of 4 Analysts + 2 Developers for Coty and Sysco Data Projects.

Cornell Upward Bound, Ithaca, NY

Project Accountant- Cornell Public Service Center- Department of Education Program (May 2012 - Jul 2013)

▪ Developed accounting and filing system for a 5-year grant program in line with Dept. of Ed. Requirements. Recovered 1% misappropriated Indirect Expense taxes.

EDUCATION

NYU Tandon School of Engineering (2017-2018)   **SOA/CAS Exam: P/1, FM/2**

MS program in Computer Science

Cornell University College of Arts & Sciences (2009 - 2013)

Bachelor of Arts: Economics and Mathematics

Coursework

Data and Analysis: Honors Real Analysis, Econometrics (Regression Analysis), Wavelets and Fourier Analysis, Object-Oriented Programming/Data Structures (Java), Networks (Information Theory)

Pure Mathematics: Number Theory, Proofs, Differential Equations, Computational Algebra

Risk Theory and Finance: Financial Economics, Game Theory, Intertemporal Choice, Probability & Statistics

Economics and Government: International Relations, Urban Politics, Latin American Politics, Microeconomics, Macroeconomics, China and India Growth Miracle

SKILLS

▪ **Technical Experience:** Java, Python (Beautiful Soup), C# (Unity Engine), postgresql, Netezza, 1010data, MongoDB & NodeJS (MEAN Stack Setup), MS Excel/PPT/Visio. Matlab/LaTeX (School Papers), VBA/Bash/Win Batch (Small Scripts).

▪ **Leadership Qualities:** Professional, Industrious, and Diplomatic. I foster motivation and pride for staff and coworkers.