

# Janan Al-Hassani

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## EXECUTIVE SUMMARY

Tech-savvy innovator with hands-on experience in emerging technologies and passion for continuous improvement. Skilled in identifying opportunities for technological enhancements and implementing effective solutions. Adept at leveraging new tools to solve problems and enhance productivity. Proven track record of mentoring developers and optimizing engineering processes to maximize efficiency and product quality.

## EXPERIENCE

### **Algorithmic Trader, Oakville, ON — AI Algorithm Engineer**

June 2020 - Present

- Designed a proprietary algorithmic trading platform using Python to identify and execute swing trades
- Trades are profitable 95% of the time, with the leading winning trade producing a 15% gain
- Modeled predictions with feature selection algorithms
- Devised predictive models using machine learning algorithms to drive trading decisions
- Technical Environment: Python, NumPy, Pandas, Matplotlib, TensorFlow, PyTorch, Scikit-learn, Keras, Git, VS Code

### **Clickatell, Toronto, ON — Technical Manager, Software Development**

October 2020 - July 2021

- Managed a team of 9 developers spread out over 3 continents
- Streamlined hiring and on-boarding processes to meet upcoming project staffing requirements
- Instituted code reviews, unit testing, and agile
- Coordinated with Product Management to effectively integrate technical requirements
- Technical Environment: Java, Spring Boot, JUnit, MySQL, AWS, Hibernate, IntelliJ IDEA, Kubernetes, Git, JIRA

### **UNIVERIS, Toronto, ON — Team Lead, Software Development**

May 2019 - October 2020

- Managed a team of 5 developers spearheading an initiative to write a suite of REST APIs
- Instituted process improvements: pull requests, integration testing, and coding standards
- Collaborate with Customer Success Team and external clients to fix high priority customer issues

- Executed the company's technology roadmap by upgrading tech stack: Java version, JBoss version, Seam replacement with Vue, migration from SVN to Git
- Fostered a culture of innovation by encouraging experimentation with emerging technologies, resulting in the adoption of cutting-edge tools and techniques
- Technical Environment: Java, Spring Boot, DB Rider, JUnit, MS SQL, Postgres, AWS, Enterprise Architect, Hibernate, MyBatis, JBOSS, Git, FishEye, Nexus, SonarQube

### **MoneyKey, Toronto, ON — Team Lead, Java Development**

July 2017 - May 2019

- Hired and led a team of 7 developers
- Improved software quality by instituting daily stand-ups, code reviews, pull requests, automated testing, continuous integration, software revisions, static code analysis and profilers
- Developed features that enabled business expansion into additional U.S. states
- Enhanced team performance through regular coaching, feedback, and skill development
- Technical Environment: Java, MySQL, Hibernate, GWT, IntelliJ IDEA, Tomcat, Flyway, Jenkins, Artifactory, Git, Junit, Ant, JProfiler, JRebel, OverOps, Datadog, JIRA, Confluence, AWS

### **Royal Bank of Canada, Toronto, ON — Software Development Manager**

April 2016 - March 2017

- Managed a team of 5 developers maintaining a complex Monte Carlo simulation engine
- Engine nightly run time was reduced from 6 hours down to 3 hours using several techniques
- Decommissioned unused compute resources, saving the department \$20K+ per month
- Conducted team knowledge transfer sessions
- Technical Environment: Windows Server 2008 R2, MS SQL Server, C++, Java, Python, Perl, SVN, Jenkins, Maven, Sonatype Nexus, Robot Framework, AppDynamics, Autosys, ZeroMQ

### **OrthoEvidence Inc., Burlington, ON — Lead Web Developer**

May 2015 - April 2016

- Managed a team of 3 developers; acted as liaison between development and management
- Responsible for planning, estimation, execution, and quality
- Designed critical customer-facing features using a responsive, mobile-first approach
- Technical Environment: Azure, Linux, .NET, C#, PHP, Git, MySQL, Javascript, CSS, Bootstrap

## **EDUCATION**

**McMaster University, DeGroote School of Business, Burlington, ON — MBA, Finance**

**University of Waterloo, Waterloo, ON — BAsC, Electrical Engineering**