**Marshall Lindner**

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February 18, 2019

Att: Carlos Smits

North

27 Gaukel St

Kitchener, ON

N2G 1Y7

Re: Lab Scientist position (Kitchener)

I am an excellent candidate for the position of lab scientist with North because I am a dedicated and passionate learner, I work towards organized solutions for complex problems with little to no direction and I am a fantastic team player.

My ability to work well in a team setting has been developed through years of working in small groups all the way up to larger multi-functional teams in different cities. Perhaps the biggest test of my ability to work effectively in a team has been my transition from working as a chemist to working as a manager over my peers in my current role as extraction operations manager. My leadership style mirrors my attitude in life: lead by example and be humble.

I take tasks or ideas that are very general in their description and break them down into actionable pieces. Frequently I find myself being given ideas or directions from high level executives that require a great deal of organization, research and project management skills to bring to fruition. Typical examples of this include new product development, process optimizations, and information management systems within the organization.

Perhaps my greatest skill I can relate here is my ability to learn new skills, technologies and techniques. An excellent example of this is my complete ignorance of the cannabis industry and its science until I began working as a chemist in a licensed cannabis produced. I quickly learned a wide breadth about the diverse science of cannabis which has recently won me an invitation as a guest speaker at the Wilfrid Laurier University “Science Café” speaker’s series on February 13 of this year. I have self-taught myself basic web development and I am currently studying as a firefighter recruit for Wilmot Township which has been an exciting and eye-opening experience.

I appreciate your time and consideration.

Marshall Lindner

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| **Marshall Lindner**  marshalllindner@hotmail.com |519-504-1116 | |
| **Personal Profile**  Currently working as a laboratory manager in a cannabis extraction facility. Responsible for writing and maintaining departmental SOPs, Work Instructions, and process batch records. Experienced reading and writing technical documentation. Effectively communicates technical concepts/jargon into digestible bytes.  Passionate about learning new technologies and remaining current with developments in field of expertise. Always willing to use personal talent to learn news skills and experiences.  **Tools**  PowerPoint, Excel, Word  HTML5, CSS3, Javascript  Python 3  **Volunteer**  **Firefighter Recruit (Wilmot Township)**  Respond to emergency calls, commitment to ongoing training and perform duties in fire prevention, extinguishment, and rescue.  **Optimist Club Member (Baden)**  Work within the community to raise funds and support initiatives that support local youth. | **Experience**   |  |  | | --- | --- | | Extraction Operations Manager – Emblem | March 2018 - present |  * Write GMP compliant SOPs, Work Instructions and process batch records * Maintain records in inventory management system in compliance with Health Canada regulations * Coordinate and manage employee schedules/performance reviews * Conduct experiments to optimize processes and create new products * Ensure all laboratory equipment meets scheduled maintenance * Create reports and analyze data using Excel and Python * Present ideas/reports to senior management/shareholders * Compile annual budget and quarterly departmental expense summaries * Procurement of raw materials and equipment for existing and new processes  |  |  | | --- | --- | | Extraction Chemist – Emblem | April 2016- March 2018 |  * Operate carbon dioxide extractor at pressures greater than 5000 PSI * Perform and log all maintenance on extractor * Design experiments and modify extractor as required * Optimize process steps in the extraction of a botanical drug substance * Layout and design laboratory space in GMP facility  |  |  | | --- | --- | | Powder Coating Formulation Technician – Tiger Drylac | April 2016- June 2017 |  * Research and develop new coatings and troubleshoot existing formulas * Responsible for physical and chemical testing of coatings according to ASTM standards where applicable * Responsible for writing and updating SOPs and equipment guides * Experience using SAP including Material Master module  |  |  | | --- | --- | | Organic Chemist – Toronto Research Chemical | March 2015 - April 2016 |  * Setup and execute reactions to synthesize and purify various pharmaceutical compounds for resale * Write project reports to capture synthetic protocols * Produced over $1 million in finished products * Project Management: Manage three to five projects concurrently accommodate changing project priorities |
| **Education**   |  |  | | --- | --- | | Responsive Web Design – freecodecamp.org | 2018 |  * HTML/HTML5, CSS, CSS Flexbox and Grid, Applied Accessibility, Responsive web design principles  |  |  | | --- | --- | | Master of Science – University of Guelph  Chemistry | 2015 |  * Research thesis defense: natural product synthesis * Maintain chemical inventory database on local server  |  |  | | --- | --- | | Bachelor of Science – Wilfrid Laurier University  Chemistry (biology minor) | 2012 |  * Computer modelling of molecular clusters with water and minerals * Data analysis and visualization using Python |

Lab Scientist

**Advanced Research and Development - Kitchener, Ontario, Canada - Full Time**

**About You:**

You have a thirst for knowledge with a broad technical background and thrive in a fast-paced high-tech development environment. You excel at taking a high-level goal with no obvious solutions, quickly becoming an expert in the relevant areas of technology, and creating proof-of-concept prototypes as quickly as possible.

**What You’ll Do:**

* Within 15 days, understand all characteristics and issues related to the use of holographic film in holography.
  + Become familiar with the objectives, scientific principles and technologies of the holography lab
  + Develop a scientific understanding of the function of photopolymer film
  + Create and maintain a photopolymer technical knowledge database that includes suppliers, all known material/optical issues that determine performance, and best practices
* Within 45 days, actively assist in setting up a basic working holography lab that includes facilities for the control of dust, temperature, noise, airflow, optical equipment, and standard operating procedures laser safety and general lab safety
  + Lead the creation of techniques, processes and related documentation for the handling, pre-recording preparation, cleaning, post-recording treatment, lamination, adhesion, and storage of photopolymer film and substrates
  + Understand all material quality issues related to the craft of holography
  + Participate in training from suppliers, partners and online/printed sources, continual learning about holographic materials and applications.
  + Expand and maintain the photopolymer technical knowledge database to include detailed notes on best practices (in-house and external)
* Within 90 days, demonstrate material handling proficiency equal to any supplier or in-house resource
  + Actively participate in the creation and documentation of quantitative test and evaluation procedures and fixtures to inspect and qualify incoming photopolymer film and recorded holograms
  + Actively participate in the integration of recorded holograms in lenses and product prototypes, contributing perspective and knowledge on material issues to our in-house efforts to achieve product perfection
  + Create and maintain optical materials inventory
* Within 180 days, develop through continuous learning and practice a superior level of knowledge and practical skill on the handling, pre-recording preparation, cleaning, post-recording treatment, lamination, adhesion, and storage of photopolymer film, with the goal of achieving recognition as the company’s in-house subject matter expert
  + Actively participate in research to uncover and mitigate relevant mechanisms of action that may limit or inhibit the performance of optical materials in current or future North products

**What You’ll Need:**

* Bachelor's degree in material science or related field
* Two year experience working in a clean laboratory environment

**Feel like you can’t tick all the boxes above? If you have some of the skills and experience that we’re looking for and are willing to use your talent to learn the rest, we encourage you to apply!**

**Why North:**

Day-to-day, we challenge each other to constantly raise the bar, encourage unconventional thinking to achieve innovative breakthroughs, and are passionately committed to surpassing our goals. We advocate a healthy lifestyle and promote continuous learning in a flexible work environment. Most of all, we set visionary goals, and we’re passionate about building the best, most impactful products that people will love.

**About us:**

North, formerly Thalmic Labs, builds products that change the way we see and engage with our world. North’s latest product, Focals, are custom-built glasses with a display only the wearer can see. Focals let you see texts, get turn-by-turn directions, check the weather, request an Uber, ask Alexa, and more — seamlessly and immediately. Founded in 2012, North has grown to a world-leading team of engineers, researchers, designers, and creators committed to building a future where technology is there when you need it and gone when you don’t, hidden by design.