

Research Assistant, Application Development



Phone :

Web :

Job Summary

Vacancy :

Deadline : Sep 30, 2024

Published : Aug 30, 2024

Employment Status : On-site

Experience : Any

Salary :

Gender : Any

Career Level : Any

Qualification :

Job Description

Position: Research Assistant, Application Development

Job Type: Full-time

Location: On-Site, Kitchener, Ontario

Experience: 0-2 years experience with B.Sc in Biochemistry, Nanotechnology Engineering, Biology or other related disciplines

Education: B.Sc in Biochemistry, Biochemistry, Nanotechnology Engineering, Biology or other related disciplines

About the Job:

We are looking for a passionate and talented science student to join our Applications Development team and help us build amazing products. At Nicoya, we love to work hard and play hard, and we are always working to continuously improve our products. Our team is expanding and we need more diverse and talented people to join our mission!

Who you are:

You love an intriguing problem and you're a life-long learner. You thrive off overcoming technical obstacles in the development of new products to meet short and long-term customer goals. You want to provide some of the world's top researchers with the best technology to help make research simple for them and help them get the data they need to make a difference in the world. You have excellent technical proficiency with a balanced knowledge that user experience is everything. You love stepping out of your comfort zone while also keeping track of your day-to-day tasks. You want to be a part of a thriving small team and you have great communication and teamwork skills. You are motivated by making an impact on your workplace and you thrive on dynamic problems. You have a proven track record for setting and meeting bold goals.

Duties:

- Work as a member of the Applications Development team on new biochemistry applications projects
- Design, perform and analyze SPR assays to develop new applications for our products
- Develop and execute test plans for features and unique applications to address user needs in our target market - specifically the development of biologics
- Analyze data and be able to interpret the data to generate recommendations for further improvement
- Prepare and conduct presentations to the organizational stakeholders

Our Ideal Candidate Is:

- B.Sc degree in Biochemistry, Nanotechnology Engineering, Biomedical Engineering, or other related engineering/scientific discipline
- Able to work in-person at Nicoya's headquarters in Kitchener, ON.
- Experience working in a wet-lab environment and with common lab equipment (e.g. pipettes, scales, pH-meter, etc...)
- Familiar with Excel and Python for data analysis
- A fast learner with a high level of critical thinking and attention to detail
- Able to adapt quickly to changing priorities

Bonus Qualifications:

- Experience working with spectrometry
- Experience working with nanoparticles, surface science and/or microfluidic devices
- Experience with Surface Plasmon Resonance (SPR) and/or similar analytical techniques

About Us:

Nicoya's mission is to improve human life by helping scientists succeed. We are a fast-paced, rapidly growing company, with a diverse employee demographic and a worldwide presence based in Kitchener, Ontario -- Canada's Silicon Valley. We have a team of world-class engineers, scientists, and designers with different backgrounds and experience, building disruptive products to help researchers make their next big discovery. Our newest product, Alto, is a scientific instrument for the biotechnology research and drug discovery industry. It provides detailed information on molecular interactions using optical nanosensor technology known as localized surface plasmon resonance (SPR). It is the first SPR instrument on the market to incorporate Digital Microfluidics technology which has disrupted an industry that has been primarily dominated by highly expensive and complex instrumentation.

Application Process:

Please include your resume along with a cover letter. While we appreciate all applications, only those candidates selected for an interview will be contacted

Ontario's Accessibility Employment Standard

Nicoya is an inclusive and equal opportunity employer. If you require accommodation to participate in the recruitment process, please let us know. We will accommodate your needs as required under applicable legislation. Information related to accommodation requirements will be addressed confidentially.

Nicoya does not use artificial intelligence to screen, assess or select candidates for interviews.

No Third Party Recruitment

Nicoya will not engage with external recruitment agencies for this role and will not return inquiries from such agencies.

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits
