

## Employment

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<b>Software Engineer &amp; Designer</b>	<b>Acerta</b>	<b>July 2018 – Present</b>
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- Designed and built LinePulse, the core product which provides machine learning-driven insights to clients.
- Developed over 10 Demo UIs for sales pitches to prospective clients.
- Maximized code reuse and facilitated marketing by splitting our product into modules for different use-cases.
- Mentored co-op students and led initiatives such as a company hackathon.

<b>Full-Stack Developer Intern</b>	<b>Ontario Institute for Cancer Research</b>	<b>Fall 2016</b>
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- Helped the project gain further funding by modernizing an old codebase.
- Updated page designs and added new features such as search functionality.
- Reduced deployment effort of the front-end using technologies such as docker-compose and webpack.

<b>Bioinformatics RA Intern</b>	<b>National Microbiology Lab</b>	<b>Spring 2016</b>
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- Implemented automated curation of > 63,000 Salmonella samples using a custom spellcheck and controlled list modules, significantly reducing the amount of manual curation required.

<b>Comp. Cancer Genomics Intern</b>	<b>SickKids Hospital</b>	<b>Fall 2015</b>
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- Contributed towards a publication characterizing a pediatric cancer.
- <https://science.sciencemag.org/content/361/6405/eaam8419>
- Reduced the number of false positive translocations called by our pipeline 10-fold; from 150 to 16.

## Education

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<b>Waterloo, ON</b>	<b>University of Waterloo</b>	<b>Fall 2013 – May 2018</b>
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- B.Sc. in Biology with Minor in Computer Science.
- Coursework: C/C++/Python; Databases; Algorithms; Networking; Bioinformatics Algorithms.

## Technical Experience

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### Projects

- **COVID-19 Globeview** (2020). Developed a tool for visualizing the spread of COVID-19 on a globe broken down by region and time. Garnered over 10k website visits from posting on reddit and facebook.
- **Personal Website** (2020). Portfolio site for showing off my work: <https://remimstr.com>

## Languages and Technologies

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- **Languages:** JavaScript, TypeScript, CSS, Python, SQL, C (prior experience), C++ (prior experience)
  - **Frameworks & Libraries:** React, Redux, Svelte, AngularJS, OpenAPI/Swagger
  - **Tools:** Docker, Linux, Microsoft Azure, Node.js, Webpack, Nginx, MongoDB (prior experience), Elastic-search (prior experience)