

# Ben Tucker

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## SKILLS

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- HTML
- CSS
- JavaScript
- React.JS
- Git/GitHub

## PROJECTS

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### Employable

- Custom resume builder (React.JS)
- Users can add personal information, education, work experience, and custom color themes to a preformatted resume that is automatically updated at the bottom of the page
- Resumes can be downloaded as PDF's

### Beyond

- Informative space app (HTML/CSS/JavaScript)
- Displays data including average temperatures, number of moons, and surface gravity for all the planets in our solar system
- Real-time data fetched from The Solar System OpenData's API

### Pronto

- Custom task app (HTML/CSS/JavaScript)
- Users can create, read, edit, and delete tasks from different task folders

## WORK EXPERIENCE

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### Toronto Research Chemicals (LGC Group)

September 2020 – November 2021

Analytical Chemist

North York, ON

- Primary operator of NMR spectrometers for analysis of chemicals compounds related to pharmaceutical development, medical and biochemical research
- Liaised with senior scientists and lab managers to ensure proper collection and processing of analytical data for product Certificates of Analysis

### Queen's University Department of Chemistry

May 2018 – 2020

Graduate Research Assistant

Kingston, ON

- Designed, fabricated, and prototyped novel microfluidic platforms using techniques such as 3D printing, photolithography, laser micromachining, and optical/fluorescence microscopy
- Directly involved in a collaboration with SCIEX in an NSERC Strategic Grant for "Advanced Sample Introduction for Mass Spectrometry"

## EDUCATION

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### Queen's University

2014 - 2020

M.Sc. Analytical Chemistry

Kingston, ON

- 4.15/4.30 GPA

B.Sc. Chemistry (Honours) with Professional Internship

- 3.97/4.30 GPA