

# Nathan Flach

nathan.flach96@gmail.com | (AT)+43-681-81377339 | linkedin.com/in/nathanflach | https://nathan-flach.github.io/

## Education

09.2021 – present  
Salzburg, Austria

### Joint MSc in Human-Computer Interaction (HCI)

*University of Salzburg & FH Salzburg, Austria*

- Elected Student Representative
- Pre-published in the 2023 Tangible Embodied and Embedded Interaction Conference (TEI)

09.2014 – 12.2020  
Waterloo, Canada

### Honours Bachelor of Knowledge Integration (Collaborative Design Specialization)

*University of Waterloo, Canada*

- Computer Science Minor
- Varsity Tennis, Cross Country, and Track & Field Middle-Distance Captain
- Graduated on the Dean's Honours List, 2020
- Recipient of the University of Waterloo President's Scholarship, 2015

## Professional Experience

2021  
Toronto, Canada

### Jr. Data Analyst

*The Globe and Mail (SOPHI)*

Wrote SQL queries to manage data of digital news publishers on the SOPHI AI platform

05.2019 – 09.2019  
Toronto, Canada

### IT Intern

*Ontario Ministry of Government and Consumer Services*

Researched and proposed contemporary UX methods to implement within the Government sector in addition to assisting ministry stakeholder cloud infrastructure design

05.2018 – 08.2018  
Toronto, Canada

### Frontend Web Developer

*League Inc.*

Implemented a React admin portal for employee wellness initiatives and wrote Jobs to Be Done use case documents for a benefits platform

05.2016 – 08.2017  
Toronto, Canada

### Web Developer Intern

*JUICE Mobile*

Designed wireframes in Balsamiq for a programmatic direct ad-tech platform predicated on user interviews and Google analytics; Strengthened the quality of the backend platform by building out an API and producing an automated pytest suite

09.2015 – 12.2015  
Toronto, Canada

### Agile Test Engineer Intern

*Pivotal Labs*

Designed and implemented manual and automated testing plans for clients such as Aeroplan, Ford, NBA, and President's Choice

## Volunteering

2020 – 2021  
Toronto, Canada

### Youth Challenge International

*Climate Action Team Lead*

Led a team of students throughout a project with the Toronto Environmental Alliance by managing the development, planning, grant writing, and team's financials.

## Skills

### Research

Usability testing, user interviewing, thematic analysis, scientific writing, theory selection, research through design method

### Design

User-centered design, design thinking, participatory design, agile methodologies, Adobe Xd, Figma, Illustrator, Invision, Balsamiq

### Prototyping

Arduino (sensors, lights, sound, haptics), Unity, React, Python, SQL, GIT

### Project

### Management

Grant writing and budgeting, Trello, JIRA, Airtable, Confluence, CI/CD