

# Thomas Rowlands

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## EXPERIENCE

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### Front-End Developer Intern · *Faire*

May - August 2019

- Rebuilt online product purchase experience, generating a 5% lift in company-wide gross merchandise volume (GMV), and removing over 4000 lines of legacy code
- Contributed to web performance, using a variety of optimization techniques (e.g. lazy-loading, client-side caching) to improve *Google PageSpeed Insights* score
- Pair-programmed with and assisted in mentoring new interns and full-time hires (engineering team doubled in size during tenure)

### Mobile Developer Intern · *Faire*

January - April 2019

- Built and launched *Faire Direct* app with two other engineers, scoping-out and coding several critical portions of the app (e.g. internal settings, deferred payment checkout)
- Designed requirements for numerous API endpoints in collaboration with Product Management and Back-End Engineering teams
- Created and maintained all internal *Faire Direct* documentation

### Software Developer Intern · *Vital Images*

January - April 2018

- Completed 20 late-breaking fixes and enhancements ahead of *Vitreva Connection* release to more than 200 hospitals across Québec
- Led all team unit testing initiatives, raising test coverage above 75%

### Software Quality Assurance Intern · *SAP*

May - August 2017

- Developed command-line interface to manage deployments of *SAP Hana Cockpit* test suite, cutting manual set-up time in half
- Wrote Bash scripts to automate file syncing tasks, saving team five hours weekly

## EDUCATION

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### University of Waterloo · *Bachelor of Mathematics, Honours, co-op*

April 2021

- Major in Computer Science, 85% average, President's Scholarship of Distinction
- Year abroad (September 2019 – June 2020) at École polytechnique fédérale de Lausanne (EPFL), Lausanne, Switzerland (on scholarship)

## SKILLS

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**Languages & Frameworks:** JavaScript/TypeScript (React, React Native, MobX, Redux, Jest), HTML/CSS, Python, SQL, Bash