

# Aaron Uhr

+1-416-712-3321  
aaron.uhr@mail.utoronto.ca

in [linkedin.com/in/aaron-uhr-61a314125/](https://www.linkedin.com/in/aaron-uhr-61a314125/)  
github.com/jwuhr  
jwuhr.github.io (**Personal Website**)

## Education

### University of Toronto (Third Year)

Candidate for Bachelor's Degree in Computer Science, Projected Graduation 2021

2018 – Present  
Toronto, ON

### Western University

Pursued a Honors Specialization in Biochemistry

2015 – 2018  
London, ON

## Experience

### Metadium

Product Manager Intern

May 2018 – Jul. 2018  
Seoul, South Korea

- > Designed the token economy for the Metadium identity blockchain platform from scratch
- > Wrote and published Medium articles analyzing various consensus algorithms for use in distributed blockchain systems
- > Managed community channels on Telegram, Twitter, and LinkedIn
- > Coordinated airdrops and bounties on Telegram, growing the community size by 400%

### Southlake Regional Health Centre

Student Researcher

Jun. 2015 – Sep. 2017  
Newmarket, ON

- > Helped gather and analyze wait-time data in order to support the introduction of a brand new technology for blood testing at the emergency department, lowering the 90P wait time for patients requiring blood tests by almost 30%
- > Gathered and organized past patient prescription data in order to better inform the types and amount of medication to stock in the virtual pharmacist machine

## Projects

### Youtube Syncer 🌐🌐

- > Technologies used: **Socket.io, Node.js, Express, Heroku**
- > A web application for syncing youtube videos between clients using a websocket connection between clients in each 'room'
- > Hosted on Heroku (<https://youtube-syncer-app.herokuapp.com>)

### Bitcoin Visualizer (in progress) 🌐

- > Technologies used: **MySQL, D3.js, websockets, Node.js, Express**
- > A real-time visualization tool for the Bitcoin blockchain
- > Maintains a constant connection with the blockchain.com websocket API, and stores the incoming block data into a remote MySQL server
- > Uses D3.js to animate the queried data from the MySQL server

### Personal Portfolio Website 🌐

- > Technologies used: **JavaScript, HTML/CSS, Bootstrap**
- > Personal website to showcase my projects, with my most up-to-date resume and contact information
- > Styled using CSS transitions and keyframes, and used bootstrap for the layout

## Skills

**Languages** Java • Python • JavaScript • C

**Web Technologies** Node • Express • Bootstrap • SemanticUI • D3.js • HTML/CSS