MICHAEL MAREK

2A Software Engineering | University of Waterloo

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TECHNICAL SKILLS

- **Languages**: C++, C, Java, Ruby, Python, HTML, Jade, CSS, JavaScript
- **Frameworks**: Ruby on Rails, Django, Express.js, Bootstrap
- **Environments and libraries**: Node.js, socket.IO, jQuery
- **Other tools**: Git, Heroku, LaTeX, Unix

PROJECTS

rapitup   https://rapitup.herokuapp.com

- A full-fledged battle-rap platform created with Rails, according to a RESTful API
- Complete with user authentication, a voting system, and the ability to write and respond to raps
- Uses the Delayed::Job gem to make self-sustaining peer-to-peer rap battles possible

CONSIL.IO   https://consilio.herokuapp.com

- An instant-messaging "hotel" built with Express.js and socket.IO
- Integrates SoundCloud to allow users to exchange musical tastes while chatting with one another

michael x dave   https://michaelxdave.herokuapp.com

- A personal blogging application made from scratch using Django to serve the front end
- Other tools include HTML, CSS, and JavaScript

Personal Website   https://michaelmarek.me/

- Initially made using only HTML, CSS, & JavaScript; now it is also built with Express.js and Jade
- Implemented AJAX to achieve asynchronously loaded page content
- Responsive framework achieved with Bootstrap

Drink / Cup   https://michaelm-k.github.io/Drink-Cup/

- A simple, static web application made with HTML, CSS, & JavaScript
- Drew inspiration from a Stack Overflow page that detailed image masking in animation

TeRRain

- A Java side-scroller written in Eclipse and based on object avoidance
- Like *Breakout* but upside down

ACHIEVEMENTS

Governor General's Bronze Academic Medal   2014
Forest Heights Collegiate Institute

- Awarded for obtaining the highest average upon graduating from high school

Published Writer   2014
Polar Expressions Publishing

- Had a short story published in a collection entitled "Let There Be Dragons"

HOBBIES & INTERESTS

- Annotating lyrics on Genius.com, blogging, gymnastics
- Travelling; places visited include Pisa, Paris, Prague, London, and Vienna