

MICHAEL MAREK

Software Engineering 2A, University of Waterloo

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github.com/michaelm-k

SKILLS

Languages	C++, C, Java, Ruby, Python, HTML, Jade, CSS, JavaScript
Frameworks	Ruby on Rails, Django, Express.js, Bootstrap
Libraries & Tools	socket.IO, jQuery, Git, Heroku, L ^A T _E X, Unix

PROJECTS

rapitup rapitup.herokuapp.com

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

CONSIL.IO 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 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 michaelmarek.me

- Current version uses Express.js and Jade, in addition to HTML, CSS, & JavaScript
- Incorporates AJAX to asynchronously load page content
- Responsive framework achieved with Bootstrap

Drink / Cup 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"

VOLUNTEER EXPERIENCE

Coaching Assistant 2013

KW Gymnastics Club

- Assisted with over 80 hours' worth of in-gym supervising and spotting of gymnasts as they performed routines and learned acrobatic exercises during the gym's weekly, 5-day summer camp programs

HOBBIES & INTERESTS

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