

TOMMY HUI

617.901.5559 • hui.1tommy@gmail.com
73 E. Berkeley Street, Unit #3, Boston, MA 02118
linkedin.com/in/huitommy • github.com/huitommy

TECHNICAL SKILLS

Languages: Ruby, Javascript, HTML, CSS, Sass, SQL

Databases: PostgreSQL

Software/Tools: Rails, Sinatra, AJAX, JQuery, Git, Github, RSpec, Capybara, Foundation, Selenium

PROJECTS

eXReg: <https://github.com/evanlouden/exReg>

- A team of three, Students registration/ scheduling application for music schools built with Ruby on Rails 5
 - Implemented a database persisted, draggable calendar using Javascript, JQuery UI and AJAX
 - Employed test-driven-development with RSpec, Capybara and Selenium

PROFESSIONAL EXPERIENCE

Launch Academy; Boston, MA

February 2016 - April 2016

Apprentice Ruby on Rails Developer

- A 10-week, immersive bootcamp that teaches students the practical knowledge of web development
- Developed applications from concept using a Ruby on Rails back-end and HTML/CSS/Javascript front-end
- **LabSolutions:** <https://labsolutions.herokuapp.com>
 - Individual capstone project, lab management application that handles order requests
 - Employed test-driven-development
 - Implemented AJAX with JQuery throughout app to create a smooth user experience
- **Elevader:** <https://elevader.herokuapp.com/>
 - Group project, review site that allows users to share their elevator experiences
 - Worked collaboratively with team of four utilizing the full stack, and adopting Git pull request workflow
 - Implemented user authentication with Devise, image upload with Carrierwave and AWS S3, and pagination with Kaminari

The Forsyth Institute, Department of Immunology; Cambridge, MA

May 2010 - August 2015

Research Assistant

- Co-authorships in several high-impact journal publications
- Mentored high school summer interns and trained newly-hired post-docs
- Performed protein purifications, and primary and bacterial cell culture
- Routinely used mouse models to study tumorigenesis, infectious diseases, and inflammation
- Western blotting, qPCR, ELISA, immunohistochemistry, microscopy, and flow cytometry for sample analyses

EDUCATION

University of Massachusetts Amherst; Amherst, MA

September 2008 - May 2012

Bachelor of Science in Biology, Cum Laude

Boston Latin School; Boston, MA

September 2002 - June 2008

College Preparatory Curriculum

OTHER SKILLS

Bilingual in Cantonese and English, Proficient in Mandarin Chinese, knowledge of Latin (4 years of study)

PUBLICATIONS

Singh R, **Hui T**, Matsui A, Allahem Z, Johnston CD, Ruiz-Torruella M, Rittling SR, "Modulation of Infection-mediated migration of neutrophils and CXCR2 trafficking by osteopontin." *Immunology* 2016 Sep

Hui T, Sørensen ES, Rittling SR, "Osteopontin binding to the alpha 4 integrin requires highest affinity integrin conformation, but is independent of post-translational modifications of osteopontin." *Matrix Biol.* 2015 Jan; 41:19-25

Rittling SR, Wejse PL, Yagiz K, Warot GA, **Hui T**, "Suppression of tumour growth by orally administered osteopontin is accompanied by alterations in tumour blood vessels." *Br. J. Cancer* 2014 Mar; 110(5):1269-77