

Dickson Lau

20 Chestnut St, Cambridge MA, 02139 | 781.864.2703

kr.d.tsl@gmail.com | laudickson.com | github.com/tsdlau

SKILLS

Languages: Ruby, JavaScript, HTML, CSS, Git

Databases: PostgreSQL, Redis, Firebase

Tools: Rails, RSpec, Github, JIRA, Sidekiq, TravisCI, Heroku

EXPERIENCE

Software Engineer | LevelUp - Boston, MA

Oct 2016 - Present

- ↳ Extensively exercise version control with Git
- ↳ Collaborate closely with other engineers through rigorous code reviews
- ↳ Integrate, design, and test APIs from third-party vendors
- ↳ Analyzed logs, databases, and code to repair and diagnose bugs
- ↳ Reported, assigned, and closed tickets using JIRA software
- ↳ Craft maintainable and thoroughly tested code for a large-scale, high-availability web application as a member of the Platform team

Frontend Developer | Amalgam Co - Boston, MA

June 2016 - Oct 2016

- ↳ Built websites to express brands, products, and digital experiences
- ↳ Translated full websites from pdf using HTML/CSS/Javascript
- ↳ Adhered to git workflow while handling multiple projects for different clients

Web Developer Apprentice | Launch Academy - Boston, MA

Feb 2016 - May 2016

- ↳ Developed various small web applications with Ruby on Rails
- ↳ Employed AGILE development, MVC design, TDD, and pair programming
- ↳ Collaborated with 40 other apprentices during 10 week coding bootcamp

Research Engineer | Cambrian Innovation - South Boston, MA

May 2015 - Feb 2016

- ↳ Designed, constructed, and tested prototype phase II project designs for the benefit of Department of Defense
- ↳ Researched microbial fuel cells (MFC) and their applications to treating wastewater
- ↳ Built and tested MPPC circuits

Student Researcher | Bigio Lab, Boston University - Boston, MA

Sept 2013 - May 2014

- ↳ Experimented and tested high-throughput methods to recognize cancerous cells
 - ↳ Designed a system to measure light scattering off of cells
-

EDUCATION

Boston University College of Engineering - Boston, MA

Sept 2010 - May 2014

Bachelor of Science in Biomedical Engineering

Concentration in Nanotechnology