

Dickson Lau

20 Chestnut St #608, 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

Jan 2018 - Present

- Craft maintainable and thoroughly tested code for a large-scale, high-availability web application as a member of the Platform team
- Extensively exercise version control with Git
- Collaborate closely with other engineers to plan, develop, and design robust solutions

Integration Test Engineer | LevelUp - Boston, MA

Oct 2016 - Jan 2018

- Integrated, designed, and QA APIs from third-party vendors
- Analyzed logs, databases, and code to repair and diagnose problems
- Reported, assigned, and closed bugs through JIRA software

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
- Built and tested MPPC circuits under lead electronics engineer
- Researched microbial fuel cells (MFC) and their applications to treating wastewater

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
 - Self-taught SolidWorks and drafted prototype designs
 - Produced in-house hardware components by utilizing BU's machine shops
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EDUCATION

Boston University College of Engineering - Boston, MA

Sept 2010 - May 2014

Bachelor of Science in Biomedical Engineering

Concentration in Nanotechnology