Dickson Lau

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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
- ↦ Crafted maintainable and thoroughly tested code for a large-scale, high-availability web application as a member of the Platform team
- ↦ Extensively exercised 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 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
- ↦ Built various small web applications with Ruby on Rails
- ↦ Employed AGILE development, MVC design, TDD, 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 designs for a phase II project for 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