

software developer

LUCAS CHARLES

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Profile

Web developer in Ruby and Javascript, with a primary focus in Ruby on Rails. Comfortable among the full stack and passionate about building tools to build more tools.

Professional Experience

Student, Portland Code School Portland, OR, 2013

Use of Agile development practices and project management in building a variety of full-stack web applications. Deployed software through test-driven, pair programming and dealing with issue of scalability, concurrency, and application security.

Interviewer/Researcher, Survey Research Lab, Portland State University, 2010 - Present

Experienced in conducting in-person, web, mail, and phone surveying for a variety of research studies, both academic and public sector. Demographic data collection and both quantitative and qualitative analysis. Use of a wide-range of interpersonal skills in dealing with clientele & client services.

Projects

Discuss It - online discussion tracker -- <http://discussitapp.com>

'Discuss It' takes a given URL and finds the top discussion among a variety of online discussion hubs. Lead a team of 3 to implement cross-site API fetches, including start-to-finish construction of custom API.

Critic-Critic - movie-critic recommendation engine -- <http://critic-critic.herokuapp.com/>

Web app to aggregate movies releases and reviews to find a user their closest-matching critic. Worked with team of 5 to build app on Ruby on Rails using calls to Rotten Tomatoes API and persisted movie listings.

Service Work

Speaker Coordinator, Ignite Portland 10 & 11, Portland, OR, 2012

Coordination of 20+ speakers and facilitation of large-scale presentation for 700-attendee community conference. Event planning, logistics, mailing list admin, and volunteer coordination. Experienced in speaker coaching and tech troubleshooting for presentation software and hardware.

Volunteer, Open Source Bridge, Portland, OR, 2010 - 2012

Registration processing for event along with general technical troubleshooting. Throughout conference provided in-depth customer and presenter assistance and coordination. Facilitated volunteer support for senior staff.

Education

Portland Code School, Portland, OR, 2013

B.A. (cum laude) Applied Linguistics, 2012, Portland State University, Portland, OR

Skills

Ruby, Ruby on Rails, Unix, jQuery, Git/Github, revision control systems, Agile Development, TDD, data structures, SQL, Angular.JS, Quantitative & Qualitative research, translation. Familiarity with Python.

Affiliations

Organizer and Volunteer, Hack+Help weekly coder meetup

Ruby Newbies, Ruby Lunch, PDX Web Developers