

George Claghorn

Programmer

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PROFILE

Full-stack software developer with broad experience in product, security, infrastructure, and performance engineering. Quick and eager learner of new technologies and practices. Self-motivated and an enthusiastic collaborator. Passionate about open source and the web.

OBJECTIVE

Seeking a full-time software engineering role on a collaborative team applying experience in Ruby, Ruby on Rails, web development, and email infrastructure.

EXPERIENCE

Senior Programmer, Security, Infrastructure & Performance, Basecamp — 2016–2021

Tuned HEY spam filtering, reducing inbound false negatives by 80%. Authored an LMTP application server for Ruby. Launched a public bug bounty program and responded to vulnerability reports. Researched, tested, and evaluated database sharding options. Migrated between cloud storage providers with zero downtime. Implemented storage failover and bulkheading. Upgraded apps to latest Ruby and Rails.

Programmer Intern → Senior Programmer, Product, Basecamp — 2014–2016

Implemented email-in, schedules, automatic check-ins, reminders, image lightboxes, and other features in Basecamp 3. Shipped bug fixes and improvements for Basecamp 2. Collaborated with product designers, programmers, Operations, and Customer Support.

SERVICE

Contributors team → Core team, Ruby on Rails — 2017–2021

Co-authored and maintained Active Storage and Action Mailbox. Maintained Action Text. Reviewed proposed changes. Addressed reported bugs and vulnerabilities. Contributed bug fixes and enhancements to four major releases.

Education chair, University of Pittsburgh Computer Science Club — 2014–2015

Co-founded a co-curricular club for students pursuing careers in software engineering and related fields. Scheduled speakers for weekly meetings. Organized workshops and hackathons. Mentored fellow students in professional software development practices.

EDUCATION

University of Pittsburgh, Pittsburgh, PA — BS Computer Science, 2016

SKILLS

Ruby, Ruby on Rails, MySQL/MariaDB, PostgreSQL, Vitess, JavaScript, TypeScript, Hotwire/Turbo/Stimulus, Web Components, HTML, CSS/Sass/Less (including BEM and OOCSS), C, Java, Rust, Chef, Ansible, Docker, Kubernetes, Linux, Bash, Git, GitHub, Postfix, Rspamd, AWS, Google Cloud