

SAM GARFIELD

Samuel.Garfield2@gmail.com

[linkedin.com/in/samgarfield2](https://www.linkedin.com/in/samgarfield2)

(267) 574-5479

Boulder, Colorado

EDUCATION

Tufts University
BS, Computer
Science, May 2015

TECHNICAL SKILLS

Languages (In Order of Expertise):

C++, C, Javascript,
HTML, CSS, JQuery

Operating Systems:

Mac OS X, Linux

Other Technologies:

Git, Heroku,
MongoDB, SQL

PERSONAL INTERESTS

Running, rock
climbing, cycling,
guitar, comedy, film

SUMMARY

Computer science graduate with C/C++ proficiency will bring strong analytical skills and rock-climbing tenacity to company searching for Software Engineer/Developer.

QUALIFYING ACCOMPLISHMENTS

Massachusetts Bay Transportation Authority, Boston, MA.

Summer 2013

Web Development Intern

- Collaborated with team of five professionals to deliver extensive website updates:
 - Researched latitude and longitude points for each stop to depict more accurate route map.
 - Analyzed large JSON source files and directed them into object-oriented design.
- Researched and developed spreadsheet to present benefits and drawbacks of shopping cart options for additional website updates.

Self directed project

December 2014

- Developed new application to solve inefficiency in choosing and managing cross-country running routes:
 - Created database of existing routes and developed schema.
 - Developed app using Javascript, ExpressJS, MongoDB, Heroku stack.
 - Responded to feedback by allowing users ability to add own routes.
 - Managed database directly to maintain security.
 - Added map feature to improve user experience.

Tufts Center for Engineering Education and Outreach October 2014 - May 2015

Undergraduate Assistant

- Researched and launched WordPress blog and newsletter system.
- Edited and posted content and added new plug-in to improve user experience.
- Designed and developed teacher-student database using Filemaker.
- Re-organized walk-in storage room to facilitate efficient experience for staff.

LEADERSHIP AND SERVICE EXPERIENCE

Bike & Build, Inc., Philadelphia, PA.

Summer 2014

Rider and Fundraiser

- Raised \$4,600 for national affordable housing efforts prior to cycling 4,234 miles from Charleston, SC to Santa Cruz, CA.
- Assisted construction managers in building Habitat for Humanity homes for 17 days during 82 day trip.
- Collaborated with team of 32 other cyclists to raise a total of \$170,000.

YMCA, Holland, PA.

Summers 2011, 2012

Lifeguard

- Supervised as many as 40 children at once, many of whom had special needs.