

chrisevans

junior software developer

contact

2530 Lerner Hall
New York, NY 10027
United States

+1 (646) 532 7545

chris.evans93@gmail.com
perks.github.io

languages

conversationally fluent in
chinese (mandarin)

programming

C, Java
Scala, JavaScript
CSS3 & HTML5

web development

jQuery,
RequireJS,
Backbone.js,
Compass/SASS,
d3.js

frameworks

Node.js

education

Exp. 2015 **Bachelor** of Arts in Computer Science
with a Minor in Religion
GPA: 3.42
Columbia University in the City of New York

experience

2014 **Foursquare** New York, New York
Software Engineering Intern

Involved in the development and release of core features in the new Foursquare product as part of the Discovery and Explore team responsible for personalized local search.

Wrote an impressions caching mechanism to provide better scoring metrics for taste and venue recommendations.

Coded a smoke testing and QA framework against a new API endpoint for product release.

- Added support for creating custom tests from user request history against the endpoint.
- Enabled test cluster tagging that allowed for plotting test suite failure and success graphs over time.
- Integrated smoke tests with Jenkins CI against the daily deploy.

Triaged and supported critical bug and performance issues related towards the new Foursquare relaunch.

2014 **PolicyMic** New York, New York
Front-End Development Intern

Wrote and open-sourced a modular polling library in JavaScript that handles routing action against custom API end points with a localStorage fallback.

Designed and created a map-based interactive d3.js data visualization of the United States, with responsive scaling down to Tablet (Landscape) dimensions.

Created a newsletter subscription and sweepstakes form for the company that incorporated basic email validation against a back-end mail server.

2013 **InterSystems Corporation** Cambridge, Massachusetts
Software Development Intern

Developed a web deployment framework around iFind, a Big Data technology running on top of InterSystems Caché that leverages semantic mapping within unstructured data sets to provide active analytics for use in business applications:

- Programmed a two-way conversion module using REST architecture that converts a SQL result set into JSON, as well as transforms JSON syntax from the client environment into a valid SQL table query statement for an internal Caché database.
- Refactored and implemented an API layer for jQuery to handle the AJAX content delivery system and to modularize front end interaction with iFind.
- Built dynamic and responsive data visualizations using d3.js that responds to server-side events and programmatically renders content directly into the DOM.

Collaborated with software teams in Belgium as part of a distributed development environment across time-zones.

experience

2011 - 2013 **Columbia Athletics In-Event Marketing**

New York, New York

Promotions Assistant

Conducted real-time media events for Columbia Athletics involving a public audience of around 11,000 people during the peak season.

Assisted in the showcasing and promoting of Columbia sponsors by managing sales and distribution of promotional merchandise, as well as organizing and directing Television broadcasts of advertising events.

projects

2014

polling-station.js

PolicyMic

A standalone library that creates scaffolding for interactive polls and questionnaires. Has support for saving and fetching from HTML5 localStorage as well as remote API endpoints.

Written in 100% vanilla JavaScript

2013

TuneTravelr

Music Hack Day

Developed in under 24 hours, TuneTravelr is a hackathon app that takes parameters describing a time period in years and a city, playing back songs and sounds relevant to that particular time and place.

Uses the EchoNestDB API for analytics, and the results are then parsed and piped into the Rdio music player API.

The website itself uses a Python + Flask setup pushed to the Heroku cloud platform.

coursework and skills

Familiarity with maintaining and troubleshooting Unix and Windows NT environments

- Academic emphasis on Operating Systems theory, including Linux kernel task scheduling and process management, POSIX thread design, and the Linux VFS

Knowledge of Networks

- TCP/IP, Socket programming, Subnets, DHCP, NAT, Routing protocols

Web Development

- Working experience with front-ends using Backbone.js + Marionette
- AMD design patterns with RequireJS
- Interactive data visual creation with d3.js
- Familiar with the Node.js stack
 - Grunt task runner flow and plugins
 - Compass/SASS
 - BDD Testing with Mocha + Chai + Sinon