Tony deCatanzaro

Software Engineer

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Work Experience

Inkling
San Francisco, California (September 2013 - October 2015)

- Co-led development of a Node.js/Backbone.js app for sharing and reviewing documents on Inkling's platform. Converted app to run in docker for local development and production.
- Worked with a small team to develop an ES6, React, Flux and Node.js based user management app from inception to production.
- Wrote and enhanced several RESTful resources in Inkling's core Python/Postgres/Redis-based API, some of which handle hundreds of thousands of requests per day.
- Developed a system to automatically run scheduled imports of users and metadata; scaled it to work for imports with hundreds of thousands of entries.
- All code was thoroughly unit tested.

Projects

JetMapper.com
While traveling in Europe (January - April 2016)

- Developed a web app for mapping all direct flights from any airport. Front end is written in ES6, React, and Redux and uses the Google Maps JavaScript API; back end is written in Node.js, Express and SQLite.

Internships

Facebook
Seattle, Washington (September - December 2012)

- Used Objective C and Java to develop the Like button for Facebook's iOS and Android SDKs.

Inkling
San Francisco, California (January - April 2012)

- Contributed several major features to a JavaScript/Backbone.js web app. Optimized site layout to provide a significant rendering performance improvement. Every code push included unit tests.

Ontario Institute for Cancer Research
Toronto, Ontario (September - December 2010)

- Enhanced a JavaScript and Perl-based web app to preload data to the client, providing a 2x perceived performance improvement. Refactored JavaScript code to reduce dependencies on external frameworks. Presented a poster at a major conference.

Trapeze Software Group
Mississauga, Ontario (May - August 2009 & January - April 2010)

- Helped introduce unit testing to a large web app. Developed and shipped a JavaScript/C++ extension to a major client. Automated a version migration system to save employee time.

Buzzwords

JavaScript / ES6	Flux / Redux	Python
Node.js	CSS3 & HTML5	Django
React	Backbone.js	Git

Education

University of Waterloo
Waterloo, Ontario (September 2008 - April 2013)

Honours Bachelor of Computer Science, With Distinction