

Alexander Mistakidis

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My key assets are my interpersonal skills and my initiative. I love optimizing and solving innovative problems! I am an optimistic and an avid learner.

Technical Skills

Web Development	HTML5; HAML, CSS3; Sass; Bootstrap, Javascript; CoffeeScript; jQuery; Angular JS; Backbone; underscore, Node.js; Express, PHP
Other Languages	Python, Java, C++, Scheme, Bash script
Databases	MySQL, MongoDB, introduced to redis, PostgreSQL

Work Experience

Web Engineer, Ten Thousand Coffees, Redwood Strategic, Toronto Feb - June, 2014

Adding new features and scalability to tenthousandcoffees.com. The website utilizes Backbone, Node.js, and MongoDB, and my work:

- Solved the lack of SEO and metadata served to web crawlers that don't wait for Javascript by utilizing phantomJS and Express to serve and compile it efficiently.
- Optimization of the user flow and improving user experience.

Mobile Web Developer, PumpUp, Velocity Garage, Waterloo Jan - April, 2014

Worked as part of a team of 3 for the Velocity startup, PumpUp. Written in CoffeeScript and Sass, utilizing Backbone and Parse, and compiled with Trigger.io.

- Built a light-weight graphing library based on RGraph. Using this, implemented weight tracking and activity monitoring to the app.
- we were able to scale and optimize the app to handle the traffic.
- Developed a goal setting framework to increase retention and allow users to track and share their activity and weight goals.

Software Engineer, Fusenet, Burlington May - August, 2013

Worked with a team of 4 to manage and extend the client and internal API's of a Usenet video client called [Graboid](#).

- Developed Graboid's mobile experience m.graboid.com in Angular JS and PHP.
- Refactored internal API, clarifying codebase and strengthening security.
- Added commenting and up-voting to the Graboid Desktop client.
- Implemented in Python a Usenet auto-downloader for testing NZBs. This freed up 10% of the QA team's workload on monotonous tasks, and helped solve hard to reproduce regression bugs.

Developer, University of Waterloo Recruitment, Waterloo Sept - Dec, 2012

Worked on the private systems for the [findoutmore](#) website.

- Re-implemented the campus tour scheduling system, which organizes over 18,000 campus tourists a year.
- Reduced the 12 page backend into one simple UI, which now is used as a template for every additional administrative system.

- Collaborated on the kiosks in the Waterloo booth at the Ontario University Fair.
- Took initiative to split test and revamp the allure of our front end each day, which increased signups by 20% cumulatively.

Lead Developer, TweetRunner

Sept 2012 - Mar 2013

Developed a real-time social media display using Node.js and Twitter streaming APIs. The project went live at the university's Fall Open House 2012, March Break Open House 2012 and 2013 across campus.

Education

Candidate for Bachelor of Computer Science, University of Waterloo Sept 2011 - Present

- Received President's Scholarship of Distinction in 2011

Extracurricular

Residence Life Don, University of Waterloo

Sept 2013 - Sept 2014

- Living in residence as a role model for first year students, and to foster a positive community. I serve as the first point of contact in times of emergency or health issues, and help students connect and adjust to university life.