

# ALEXANDER KISSINGER

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## OBJECTIVE

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To supply wholesome code and a fresh perspective to any application that I work on.

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## SKILLS

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Javascript	Python	C / C++	Web Services / Frameworks	iOS Development	Android Development
Unix	Revision Control	Networking	Parallel Computing	Virtualization	Computer Security

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## EXPERIENCE

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### Calit2

03 / 2014 - 06 / 2014

*Undergraduate Developer: Best Time to Cross the Border (BorderWait)*

Leveraged Twitter as a social platform to allow communication between users and analyze its effects on shaping traffic distribution (iOS, JSP, AWS).

### Akamai Technologies

06 / 2013 - 09 / 2013

*Media Engineering Intern*

Modeled and implemented a MPEG-DASH diagnostic tool for internal usage. It supported such features as logging, graph analysis, manual bitrate switching, and HTML5 video manipulation. The project was a wrapper around a fork of the DASHIF Dash.js open-source project and complies with the DASH-IF/ISO standard (Javascript, AngularJS, Twitter Bootstrap).

### San Diego Supercomputer Center

01 / 2013 - 06 / 2013

*Undergraduate Researcher: Parallel Computing in Education*

Researching effective and practical ways to teach middle and high school students the rudimentary components and applications of parallel and cluster computing using Raspberry Pis, visualization, and data collection from the environment (Python, C++, OpenGL ES, OpenMPI).

### Xpenser

06 / 2012 - 08 / 2012

*Computer Science Intern*

Designed, managed, and automated Xpenser's internal virtual topology, while also performing additional front-end development (Virtualization, Vagrant, Scripting, Javascript, Python, Django).

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## EDUCATION

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### UC San Diego

2012 - 2014

*Computer Engineering - 3.09*

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## PROJECTS

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### Roast.

*UCSD: CSE 197 and Personal Project*

A social experiment developed on iOS. Roast aims to bridge the gap between the coffee enthusiasts and beginners by providing a social platform to showcase their personal brewing tools and recipes, a social feed to discover local deals and events hosted by local cafes, and coffee house profiles for users to navigate through shops' history and inventory. The app strives to capture each city's local experience by personally interviewing each cafe that is added to the app, thus providing a hand-crafted experience that coffee lovers expect.

### My City!

*UCSD: CSE 110*

An Android mobile application aimed to aid social meetups by integrating Google Talk and Maps into a single package. By doing so, users could easily create group conversations, create meetup spots, and physically keep track of each member of the group.