

# PRASHANT KHANDURI

Software Engineer @ Affirm

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## Tech

### -- Recent --

Python	Flask / Django	Vim / Shell Scripting
Javascript	MySQL / Postgres / Redshift	Git(hub)/Stash/BitBucket

### -- Past --

Objective-C	JQuery / Angular	SVN / CVS / Perforce
Java / C / C++ / C# / Self	xCode / iOS	Eclipse / Visual Studio
PHP   Perl	CodeIgniter   Mason	IIS / Apache

## Experience

### [Affirm](#) | Software Engineer

Jul 2015 - Current

#### Data platform team

The team is responsible for building our own proprietary financial platform, as well as our real-time high-throughput data processing pipeline

- Build and maintain the bank authentication pipeline for pulling in account information
- (In collaboration with Infrastructure team) Architected the monitoring and alerting solution used by all internal platform teams

### [Jawbone](#) | Senior Software Engineer

Apr 2014 - Jul 2015

#### Insights & Intelligence team

The team is responsible for building an intelligent guide that helps our users make good health choices

- Working on building the core intelligence for the Smart Coach brand
- Working on building the Insights system and the internal CRM system to manage the insight content

### [Hearsay Social](#) | Generalist Software Engineer

Nov 2012 - Apr 2014

#### Engagement team

Team's goal was to keep the user engagement up and unblock any onboarding issues (growing the monthly active users)

- Designed and developed a notification platform for our software
- Worked on building the analytics and reporting framework

### [Microsoft Inc](#) | Software Development Engineer - II

Dec 2009 - Nov 2012

#### Bing - Relevance

Team was responsible for ranking the top documents in Bing's algorithmic web search results (Top 100K queries)

- Developing new algorithms to extract ranking signals and features from petabytes of user browsing activity logs
- Using data mining and machine learning techniques to optimize user satisfaction metrics

#### Windows Live

Worked with two separate groups (Service Management / Monetization) on delivering project critical components

- Implemented a service for syncing data from a system store to a DHCP server (for the server to hand out correct IP leases required for PXE booting)
- Helped design the next generation monetization solution to better target Hotmail users

## Internships

2004 - 2009

**Microsoft Corporation:** Windows Live Mesh - May 2009 – Aug 2009

Created an assembly that provisioned a delegated authentication token management service

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**Amazon.com Inc:** Personalization - Aug 2007 - Dec 2007

Worked on a ranking mechanism to generate a tag set which describe the list recommended items

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**Sun Microsystems:** Complex Systems Group - *Jan 2006 - Apr 2006*

Participated in the design and development of a simulation infrastructure for the behavioral analysis of wireless sensor networks

**Amazon.com Inc:** Digital Media Technologies - *May 2005 - Aug 2005*

Worked on the variety of upgrades to the digital media pipeline (mainly the first internal REST client to the S3 service)

**Epson Canada:** Barcode Recognition - *Jan 2004 - Apr 2004*

Developed a universal 2D barcode decoding application for hand-held image-scanners

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## Education

### University of Southern California - Los Angeles, CA

2008 - 2009

Masters in Computer Science

Specialization in Human Language technology (Applied Artificial Intelligence)

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### University of Waterloo - Ontario, Canada

2003 - 2008

Bachelor in Applied Science – Computer Engineering (Honors)

Option in Software Engineering

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## Projects / Activities

### -- Recent --

[Work In Progress] [Wyser](#)

Asha for Education

[Weekend 10K Runner](#)

[Pulsico: Set future reminders](#)

Ekal Vidyalaya

[Noob guitar enthusiast](#)

[Portfolio Generator](#)

Tennis enthusiast

[AuroFit: Plan your Workout](#)

### -- Past --

[EZ Apps - iOS apps](#)

Ekal Vidyalaya

Practicing Yoga

[color.js](#)

USC Trekkers group

Structure extractor - Craigslist

Engineering Exploration Volunteer

Transliteration - En to Hi

ANN - Emotion Recognition

Character Rise Me - Fb App

Sudoku Solver - CSP

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Updated resume @ [http://khanduri.github.io/projects/resume/prashantkhanduri\\_cv.html](http://khanduri.github.io/projects/resume/prashantkhanduri_cv.html)

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