

# Girum Ibssa

Java Javascript Python Piano

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<http://girum.org>

## GitHub Projects

- **the-real-girum/chordsing** » Live at **chordsing.com**
  - Crowdsourced chords to any song, free.
  - Written in Django and AngularJS, hosted on Amazon EC2 and powered by Puppet.
  - Lightweight engineering blog at **blog.chordsing.com**
- **the-real-girum/hang** » Live at **maxinapp.com**
  - Social app for Android.
  - Led a team of two developers. Private \$60k sponsor.
  - **Incorporated.** Left company (and 2M/10M shares) after two years.
  - Google App Engine Python backend for user data. XMPP backend for multi-user chat.
- **um104/C4PPMobileMetrics** » Live at **se-capstone.appspot.com**
  - Mobile analytics solution for Android.
  - Lead architect. Student of **Salesforce Cal Poly Capstone**.
  - Android SDK + Android app. Salesforce backend (lots of Apex).

## Technical skills

- Programming Languages: **Java (90%)** **Javascript (30%)** **Python (20%)** **C++**  
**Objective-C** **PHP :(**
- Web Frameworks: **AngularJS** **Apache CXF (JAX-RS)** **Django**  
**Google App Engine Python** **Google App Engine Java** **XMPP (chat)**
- Databases: **Salesforce SOQL** **App Engine Datastore (Bigtable)** **PostgreSQL** **MySQL**

## Education

Degree	Major	Institution	Graduation Year	GPA
Bachelor of Science	Software Engineering	Cal Poly San Luis Obispo (again)	2013	2.95 (cumulative)
Associate of Science for Transfer	Computer Science	Los Rios Community College District	2011	3.54
Bachelor of Science	Computer Engineering	Cal Poly San Luis Obispo	2010	0.56

## Academic Achievements

- Deans List (*GPA > 3.9*) from Summer 2010 to Fall 2011
- Recipient of \$2000 **CSU LSAMP scholarship** (3 recipients), and member of CSU LSAMP

## Professional Experience

- Associate Software Engineer at **Veeva Systems** (July. 2013 – present)
  - Full stack engineer responsible for creating **CRM-Network integration**, webapp platform.

Veeva Network **relies on Veeva CRM**.

- Inherited **Veeva** <-> **Concur integration**. **BI** and **Abbvie** are the largest customers currently using this feature.
- Built two mission-critical admin pages.
- Mentor / PM for **Veeva Cal Poly Capstone iOS group**. Built mobile version of **Veeva Vault** from scratch using publicly available **Vault API**.
- Regular recruiter / interviewer at university campuses (e.g., **Cal Poly**, **USF**).
- **Led a group** of Veeva new grad employees at **Alameda County hackathon**.
- Technologies got to work on: **Java** **Javascript** **AngularJS** **LESS** **Salesforce SOQL** **Apache CXF**

**Guava** **TestNG**

- Computer Science Research Intern at **UC Berkeley** (June. 2012 – Jul. 2012)
  - Designed, implemented, deployed and data-mined the results of **an Android app**.
  - Published and presented paper and results at **TRUST-REU** conference.
  - Technologies got to work on: **Android** **Google App Engine Java** **Jersey (JAX-RS)**
- Software Engineer Intern at **Shopatron** (Jan. 2012 – April. 2012)
  - Worked on a team of 4 to help create an API for external inventory management.
  - **COEX Private** was phased into all of Shopatron's 1000+ business clients.
  - Technologies got to work on: **PHP** **MySQL**

**App Engine Datastore (Bigtable)**

## Undergraduate Courses Taken

Software Engineering Capstone	Senior Project (Android app)
iOS Programming	Software Engineering I, II
Systems Programming	Individual Software Development (Staley)
Design & Analysis of Algorithms (Staley)	Discrete Structures
Data Structures	Teaching Computer Science
Abstract Linear Algebra	Theory of Computation
Graph Theory	Calculus I, II, III, IV
Statistical Methods for Engineers	Differential Equations

Methods of Proof

## Memberships

- Veeva Cal Poly Capstone directly led to Veeva's invitation to **Cal Poly's Industry Advisory Board** (shirts)
- Created new Veeva University program (22-page proposal; currently affects 38 interns / new grads)
- Organizer / Captain of **Veeva Soccer** (grew from 16 -> 25 players)

## Extra Curricular Awards

- Licensed performing pianist at UC Berkeley's International House
- Ex-nationally ranked World of Warcraft player ;-)