

# Henri Sweers

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## OBJECTIVE

I am graduating in May 2014 with a BS in Computer Science from the University of Texas - Austin, and am seeking a full time position as a software engineer. I am a dual citizen Dutch-American, and can work in the EU as well.

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## EDUCATION

**University of Texas** Austin, Texas May 2014

### *BS Computer Science*

- ❖ Member in a new Mobile App Development organization, helping run the Android portion.
  - ❖ Member of a council of students that is helping the department organize a senior give-back campaign.
  - ❖ Relevant coursework:  
Intro to Programming, Data Structures, Intro to Architecture (Systems I), Operating Systems (Systems II), Object Oriented Programming, Intro to Information Assurance and Security, Logic Sets and Functions, Linear Algebra, Differential, Integral, and Multivariable Calculus, Differential Equations, Algorithms and Complexity, Software Engineering, Mobile Computing
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## EXPERIENCE

**Famigo Inc.** Austin, Texas

September 2013 - November 2013

### *Android Development Intern*

- ❖ Worked on enhancing their mobile app and fixing existing bugs.

**Sabre Holdings** Southlake, Texas

May 2013 - August 2013

### *Software Engineering Intern*

- ❖ Intern on the Qik Developer team, within the Airline Solutions division.
- ❖ Set up continuous integration builds for our various projects on TeamCity.
- ❖ Implemented URL validation for SVN repo sync within the developer tool.
- ❖ Wrote a C++/JNI driver for a touchless card reader for our developer tool.
- ❖ Developed a web backend for an intern hackathon project to parse vacation data from social networks using Play Framework/Java, Scala, twitter and facebook APIs.
- ❖ Set up SonarQube deep code analysis on the team's projects.

**Flocasts LLC** Austin, Texas

June 2012 - August 2012

### *Software Development Intern*

- ❖ Worked on updating and upgrading their java-and-ffmpeg based video uploader.
- ❖ Did some PHP scripting using their internal API for olympics content.

**HiEd Inc. (Campus Computer Store)** Austin, Texas

May 2011 - May 2013

### *Floor Sales / IT / Customer Service*

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## PROJECTS

- ❖ *Holo Goo.gl* - Android app side project using Google's URL Shortening API. Source available on my Github.
  - ❖ *SUREwalk* - Android app being co-developed with several other UTCS classmates for a student organization on campus for arranging escorts when students need to walk somewhere at night. Source available on request.
  - ❖ *FlashNotifier* - Android app built in my Mobile Computing class, used for flashing the camera LED as an alternative notification. Source available on my Github.
  - ❖ *World Crises Database* - Group project for my software engineering course in Fall 2013. Created an IMDB-like website using Django and Twitter Bootstrap, hosted on Heroku and backed by a Postgres DB. Functionality included rendering dynamic web pages and implementing a RESTful JSON API layer. I worked mostly on the API layer and testing. Source available on request.
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## SKILLS

- ❖ Languages/environments:
  - > **Proficient:** Java, C++, Android development, Python, C
  - > **Prior Experience:** Gradle, Ruby, PHP, shell scripting, SQL, some Javascript/Ant/XML/JSON.
- ❖ Software: Git (and Github), Android Studio, subversion, IntelliJ, Eclipse, vim, GDB, ffmpeg, TeamCity, SonarQube.
- ❖ Familiar with all major desktop and mobile OS's, agile, scrum, XP, versionOne, TeamCity, Crucible.
- ❖ Planned: Python/SQL software engineering course, Mobile Computing (focused on Android) course in Fall 13.