

Gisela Chodos

Android developer

Web developer (Full Stack Front End Emphasis)

geese.github.io

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EMPLOYMENT

Android Developer – Independent Contractor, MediaRif

Feb. 2018 - present

- Localization of Rainbird Sprinkler Systems controller app (Arabic, Chinese, Russian)
- Create and correctly integrate non-English string resources.
- Adjust layout/format as needed for disparate languages, special attention to text direction (right-to-left).
- Team collaboration: **Bitbucket**, **Dropbox**, **Trello**, **GoToMeeting**
- IDE: **Android Studio**

Front-End Web Developer Intern, Schawel+Coles E-commerce Agency

Sept. 2017 - Dec. 2017

- Customize UI theme in **Bigcommerce** storefront codebase: **CSS**, **SASS**, **Handlebars.js** (dynamic templating).
- Test design changes locally using **Stencil CLI Framework**, prior to updating live storefront.
- Create **responsive** HTML/CSS email templates, test across various email clients with **Litmus**.
- Build **custom Wordpress theme**.

SKILLS

Programming/Web:	(STRONG) Java, JavaScript/jQuery, HTML, CSS, Bootstrap, SASS, UML	(KNOWLEDGEABLE) Kotlin, PHP, Python, C++, C#, ASP.NET MVC, JUnit, Espresso
Database:	SQL Server, MySQL, SQLite, PostgreSQL, Visio and Lucidchart for ERD design	
IDEs/Tools:	command line, Chrome Developer Tools, Android Studio, JetBrains IDEs, Visual Studio, Eclipse, Netbeans, Brackets, Sublime Text	
Collaboration:	Github, Bitbucket, Trello, Sourcetree, Jira, Basecamp, Slack	
Design/Graphics	Photoshop, Illustrator, GIMP, Inkscape, Lucidchart, CSS Grid, CSS Flexbox	
Workflow:	git, Gulp.js with Browsersync, node.js NPM, Litmus, Browserstack	
Typing/Writing	100+ WPM, excellent grammar and spelling, proficient with Word, Excel, PowerPoint.	

PROJECTS, SKILLS IN ACTION

MixedUp Meal Calculator: Android app published in Google Play Store

- **Java**, **Android SDK**, **Android Studio**
- **Screen Navigation Map:** planning and design phase, defines "paths" through the app.
- **Fragments**, **Navigation Drawer**, **custom RecyclerViews**
- **AsyncTask**, **progress indicator**, **lifecycle management**
- **REST API**, **JSON**, **GSON**, **SQLite database:** users search Nutritionix.com for food items and save editable records of nutritional info. Or users create custom food records by entering nutritional info off labels. "Meals" (sets of food items) can be named and saved in the database, and nutrient totals can be calculated.

ZAAMG: Single-page web application custom-designed for use by WSU software engineering professor.

- **HTML, CSS, Bootstrap, jQuery**
- **PHP, MySQL, JavaScript:** post form data to MySQL database on server, JavaScript input validation
- **LAMP stack, AWS:** launched AWS ec2 server instance, installed LAMP stack
- **IntelliJ IDEA:** configured IDE settings to deploy app to AWS server
- **Relational database design, ERD, SQL:** designed the database, drew the ERD in Lucidchart, wrote MySQL creation and bulk insert scripts, and CRUD methods in PHP.
- **Requirements Gathering, mockups:** effectively captured client's vision with intuitive hand drawn sketches. Client feedback: "You did a great job of **extracting requirements** and...satisfying all of the client's needs."
- **AJAX:** dynamic dropdown lists—available options depend on selections in other dropdowns.
- **DOM manipulation, thinking-outside-the-box:** transformed "week view" of jQuery plugin fullcalendar.io. Wrote JavaScript functions to coerce would-be calendar events into functioning as color-and-size-coded block elements of a custom view requested by the client. Modified innerHTML with jQuery to change default labeling and implement custom paging.
<http://ec2-52-23-184-134.compute-1.amazonaws.com/zaamg> - click Professor tab to see fullcalendar.io tweak.

Anything For A Friend: Capstone project, WSU – **overhaul UI/UX** and **site structure** for non-profit org's website.

old preexisting site: www.anythingforafriend.com

new site (ongoing project for CS students at WSU): <http://anythingforafriend.org/afafmobile>

- **Model-View-Controller, ASP.NET, C#:** The new website is built with ASP.NET MVC.
- **Entity Framework, Razor (model binding), MS Access**
- **Debugging, Visual Studio:** stepped in, out, and over lots of code!
- **Chrome Developer Tools:** tested UI changes directly in the browser, debugged JavaScript in console
- **Responsive Design, CSS Media Queries:** created a mobile version of the whole site, including registration and donation forms appropriate for various screen sizes, especially mobile.
- **Team Collaboration, Wireframing, Github:** I was team lead on a team of six. We wireframed the new site with MockNinja, discussing it via screen-sharing in GoToMeeting online meetings.
- **Good eye for UI, soft skills:**
 - Teammate's comment: "Honestly, without her, the front end could not exist."
 - Professor's feedback (from my graduation bio): "She is **very strong in her technical skills**, but at the same time excels in the "soft skills" such as **a feeling for good UI design** and of **great interpersonal communication abilities**."

Responsive Email Templates: Marketing and Transactional HTML emails for That's It Fruit Bars

- **older HTML (no media queries possible), Conditional Comments for IE:** sometimes <table> is the answer!
- **Googling for solutions to obscure issues:** I know when to do this, and I'm persistent.

EDUCATION (formal)

Bachelor's Degree in Computer Science, 2017 ▪ **4.0 GPA** ▪ Weber State University, Ogden, UT

Associate's Degree in Computer Science, 2015 ▪ **3.98 GPA** ▪ Salt Lake Community College, UT

Bachelor of Music in Piano Performance, 2002 ▪ California State University Northridge

EDUCATION (self-directed, continuing)

Online Courses: at Udemy.com—Angular, Node.js, Spring

Current topics of interest: TDD, Object-Oriented Analysis & Design, Design Patterns, Software Architecture

Reading: Head First Design Patterns, The Art of Unit Testing, Code Complete, Effective Java