

# Jose Silva

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## Education

California Polytechnic State University, Pomona  
Baccalaureate in Computer Science

Fall 2010 – March 2015

## Work Experience

### **Android Application Developer Intern - Location Game Studios**

**Summer 2014**

- A member of the Android development team for “Project SHA” at Location Game Studios.
- Designed and developed the opening stages where the application lays a foundation with the server.
- In charge of several implementations of the UI within the app.
- Redesigned several modules to run in concurrency in order to prevent user interface lag.

### **Research Assistant - Cal Poly's Engineering Department**

**Spring 2014**

- Performed an online comprehensive search of the activities, initiatives, and research involving the use of geographic information systems (GIS), global positioning system (GPS), remote sensing, and digital image processing in animal welfare and conservation.
- Created a website listing and summarizing the results listed above.

### **Billing Clerk - Mija Trucking**

**Summer 2013**

- Responsible for creating invoices, monthly customer statements, credit memos, issuing them to customers and updating customer files.

### **Web Developer - Westview Landscape Inc.**

**Summer 2012**

- Programmed a website using HTML5 and CSS3 that displayed services provided as well as previous work to represent the company's quality of work.

## Personal Projects

### **Safety Tracker Android App**

- Developed Automobile Safety Application for the Android Platform using Java and the eclipse IDE.
- Implemented the physics behind the application using the phones gyroscope and accelerometer.
- Integrated automatic communication through email and text message.

### **Decipher Game**

- Developed a 2d side-scrolling platform web game using JavaScript.
- Designed and implemented multiple levels and also implemented the enemy artificial intelligence.

## School Projects

### **Senior Project**

- Implemented eye tracking software for a haptic device program designed for motor development therapy using QT, a cross-platform application and UI framework for C++ developers.
- The software is designed to monitor the users gaze at the screen and record useful information while patients use the MyGaze Eye Tracking device.

### **CPPickup**

- Created a Web service that aimed to reduce the parking problem Cal Poly Pomona currently faces.
- Integrated a clickable custom Esri map that communicated with the server using JavaScript, HTML, and AJAX.

### **Compiler Design**

- Created a lexical analyzer and a syntax analyzer for “Toy,” a language similar to Java and C/C++.

## Activities & Skills

- Primary: Java, C/C++, SQL
- Secondary: JavaScript, C#, Lisp, HTML, CSS3
- Current Public Relations manager for the Computer Science Society at Cal Poly Pomona.