

# Christian Valera

github.com/cjvalera

linkedin.com/in/cjvalera

✉ cjvalera@hotmail.com

☎ 408-917-0370

## EDUCATION

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- **California State Polytechnic University, Pomona** Pomona, CA  
*Bachelors of Science in Computer Science; GPA: 3.01* *Sept 2012 – Dec 2016*

## EXPERIENCE

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- **ISBX** Los Angeles, CA  
*Full Stack Developer* *May 2017 - Present*
  - Create reusable components and services using Angular's Component based architecture.
  - Back-end Javascript/Typescript developer building RESTful APIs. Worked with different frameworks such as Angular for front-end, Express and Loopback in the back-end and Mocha for testing.
  - Create asynchronous and event-based applications using observable sequences using Rx.
  - Tech lead in implementing the redesign of Ribbon, a social networking app based on events. Integrated Foursquare and Facebook APIs.
  - Lead developer for multiple iOS projects. Participate in testing process through code review. Provide mentorship to other developers.
  - Migrated QT application to a native Android using MVVM architecture and Data Binding. Ensured compatibility with newer devices while supporting older ones.
  - Improved and maintained an existing CMS built in Processwire, a PHP open source CMS framework.
  - Collaborate closely with designers, clients, project managers and developers to build a production ready web and mobile applications in an Agile environment.
- **ISBX** Los Angeles, CA  
*Software Developer Intern* *Feb 2017 - May 2017*
  - Developed single page application using Angular. Built RESTful APIs using LoopBack framework.
  - Worked with Android Data Binding, Retrofit and RxJava libraries in implementing new features to an existing project.
  - Participate in daily scrums with in-office and overseas coworkers. Maintained project timelines and developed assigned tasks of current sprint.
- **California Association Of Realtors** Los Angeles, CA  
*IT Intern* *Sept 2016 - Dec 2016*
  - Responds to troubleshooting/tickets and assisted in installation of new hardware.
  - Assisted IT Manager through documented reports of web applications design issues and development errors. Contributed to the evaluation of products UI and UX through test cases and interoperability.

## PROJECTS

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- **Asteriods Clone:** An arcade shooter game made with Unity engine using C# for Windows.
- **Minecraft World:** Developed a Minecraft like environment using OpenGL with Lightweight Java Game Library(LWJGL). Rendering a random textured cube world using Simplex Noise.
- **Notepad Clone:** Designed and implemented a simple notepad clone using Swing, a Java GUI widget toolkit.
- **Interpreter:** Implemented an interpreter for a C-like language incorporating Flex for lexical analysis and Bison for semantic parsing of the language.
- **MexCocina Cafe (*mexcocinacafe.com*):** Responsive and mobile-friendly website built using Wordpress.

## PROGRAMMING SKILLS

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- **Programming Languages:** Java, Swift, JavaScript, TypeScript, PHP, SQL
- **Tools, Libraries & Frameworks:** Angular, Bootstrap, NodeJS, Postgres, Processwire

## ACTIVITIES

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- **INSAN Foundation Volunteer:** An organization that is dedicated to alleviate hunger and poverty in our communities.