Christian Valera

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EDUCATION

California State Polytechnic University, Pomona   Pomona, CA

Bachelors of Science in Computer Science; GPA: 3.01   *Sept 2012 – Dec 2016*

EXPERIENCE

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 applciations using observable sequences using Rx.
- Tech lead in implementing the redesign of Ribbon, a social networking app based on events. Integrated Foursquare and Facebook API's.
- 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*

- Led the development of an Angular dashboard web app. 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

- **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

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

ACTIVITIES

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