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Keywords

* Full Stack Software Engineering * Interactive Media & Video Game Design * UX Research & Development

Education

- * **BSc Computer Engineering** - Universidade Federal do Rio Grande do Norte - 2013
 - Minor in Development of embedded systems for signal processing
- * **MSc Interactive Media & Game Development** - Worcester Polytechnic Institute - 2016
 - Scholarship Grant from WPI due to Academic Excellence (2015, 2016)

Professional Experience

- * **Senior Software Engineer** - Kaon Interactive - Jan 2018 to Present
 - Consumer facing UI-heavy applications (Augmented Reality Design/ES6/CSS3/HTML5/Canvas)
 - UI Design, Architecture Design, and Software Development of Interactive Experiences exposed in tradeshow and corporate headquarters (E.g. Oracle, GE, Thermo Fisher Scientific, Dell)
- * **Senior Full Stack Engineer** - Wonderschool Inc - May 2017 to Dec 2017
 - Production consumer-facing full stack application (React/ES6/Phoenix/Elixir/PostgreSQL)
- * **Node.js Back End Engineer** - Starbreeze Studios - Aug 2016 to May 2017
 - Back End work on the version control portion of a Starbreeze's proprietary Game Engine
 - RESTful API back end features (Node.js/ES6)
- * **Professor of Interactive Media Development** - Emerson College - Jul 2016 to Dec 2016
 - Creator-focused curriculum (Javascript/HTML5/CSS3)
 - Focus on multimedia interactive experiences and semi-games
- * **Front End Engineer** - Kaon Interactive - Jan 2015 to May 2016
 - Consumer facing UI-heavy applications (ES5/CSS3/HTML5/Canvas)
- * **Lead Software Engineer** - HXD Smart Solutions - Dec 2009 to May 2014
 - Consumer facing UI-heavy applications for Smart devices (ES5/CSS3/HTML5/Canvas)
 - Varied range of devices (E.g. SmartTVs, Smartphones, IoT enabled devices)

Skills #####

1. Programming Languages

- JavaScript (ES6)
- CSS3/HTML5
- Elixir/Phoenix
- Ruby on Rails
- Java
- Node.js

2. Verbal Languages

- English
- Spanish
- Portuguese

3. Frameworks

- React
- Redux
- jQuery / jQuery UI
- Bootstrap

4. Best Practices

- Agile Development
- Pair Programming / Mentoring
- Architecture Design
- Internationalization

5. Experience Design

- Immersive Human-Computer Interaction
- UX/UI Research & Development
- Design for Social Change
- Localization

6. Other Expertise

- Image Editing
- Roomba Hacking
- Embedded Systems
- FL Studio 10 and Logic Pro X
- Adobe Photoshop CC

* Online Portfolio available at <http://www.jezzucena.com>