

Ricardo Flores

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Education

Christopher Newport University

Bachelor of Science – Computer Science
Minor – Economics

Newport News, VA
Aug 2014 - Dec 2017

Skills

- Experience programming in Java (JDK & Android), C++, Databases (PostgreSQL), XML (Android) and exposure to Python, HTML, C#, LISP, JavaScript, PHP, and Assembly
 - Experience with GIT, Eclipse/CDT, Microsoft Visual Studio, Android Studio, MySQLWorkbench, Docker, Microsoft Office, Windows OS, Mac OSX, Ubuntu OS
 - Exposed to Software Engineering processes and Agile methodologies, Documenting source code, Java GUI programming, debugging, JUnit testing, Static analysis and design patterns.
 - Knowledgeable on memory allocation techniques, single/multi thread prioritization, and multi-queue management
 - Fluent in English and Spanish. Intermediate in French
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Internship

Presbyterian Church IT intern

Newport News, VA
Jan - June 2013

- Swapped and built physical computers from spare parts
 - Researched and installed new web services and security infrastructure
 - Dealt and resolved system operational and software issues on individual machines
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Projects

PUBG (Player Unknown's Battle Grounds) **Wacky Stats** – Android app, Sept 2018 – On Hold

- Solo designed application that acts as a player search engine to search player's wacky stats
- Utilizes Swagger, JSON, and the videogame's API

The Polaroid Experience – Android app, Sept 2018 - Present

- Application that uses a real-time camera interface to simulate Polaroid camera photography

University Capstone – Modifiable Intuitive Robot Controller Framework, Sept - Dec 2017

- A Leap Motion is used as a universal vision based remote controller for any ROS (Robotic Operating System) based
 - Open Source Project
 - IEEE conference publication
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Publications

- K. Frizzell, R. Flores, A. Riedl, D. Conner (2018) "Modifiable Intuitive Robot Controller: Computer Vision-Based Controller for Various Robotic Designs", *IEEE SoutheastCon, Tampa Bay, Florida, April 19-22*