Elena Sparacio
Senior Software Engineer

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RELEVANT EXPERIENCE

Senior Software Engineer   **Feb 2017 - Present**
ARRIS, Suwanee GA
- Promoted to senior engineer after just one year
- Implemented widely used feature sets and commands for our customers
- Expert for the team with regard to our homegrown automated testing system
- Rewrote a highly used program and reduced the runtime from 3 hours to under 3 minutes
- Selected as a board member of RISE (2018) and a Site Lead for the internship program (2017)

Software Engineering Intern   **May - Aug 2016**
ARRIS, Suwanee GA
- Created automated scripts for the CLI-TEST, a comprehensive test for the command line interface for the E6000 CMTS
- Learned an entirely new system and three new languages over the course of three months
- After this internship, a position was created on the team

TECHNICAL SKILLS

Programming Languages :	C/C++	Python	C#
	Java	Shell Scripting	Perl
	HTML/CSS	Javascript	Swift
	Ruby	SQL	XML

Knowledge:	Agile/Scrum	Git/Clearcase	Responsive Design
	Web Development	Databases	Game Development
	Automated Testing	Mobile Development	Servlets/JSPs
	Object-Oriented Prog	Design Patterns	Databases

EDUCATION

Bachelor's Degree in Computer Science   **Aug 2013 - Jan 2017**
Elon University
- Graduated Cum Laude
- Recipient of Elon College Fellowship, Presidential Scholarship, Sigma Tau Delta membership

RESEARCH

Interaction of Volumetric Cubes and Mobile Applications through Gaming
- Research on exploring the potential of using a tangible interface/volumetric display in 3D mobile application development
- This project explores the design and implementation of software to support games that combine an Android mobile device and an LED cube
- Presented at Consortium for Computing Sciences in Colleges South East Conference 2016

INTERESTS

- In my spare time I train dogs, ride horses, run, write, read, and box.