

# Forrest Richardson | Software Engineer

**Website:** 4ist.net | **Email:** frichardson062@gmail.com | **Phone:** 813-466-8148

## Experience

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**FIS Global** **Full-stack Software Engineer** **June 2019 - Present**

- Implemented a foreign exchange B2B payment method which allowed for asynchronous foreign exchange transactions parallel to the standard payment flow, yielding a projected 8-12% increase in the solution's annual revenue.
- Produce software through planning, development, integration, testing, and deployment.
- Lead team technical decisions regarding feature prioritization, deadline management, and code delivery in an Agile scrum environment.
- Adhere to the agile software development practices, test-driven development (TDD), and the SOLID design principles.

**US Army National Guard** **Network Operations Platoon Leader** **April 2019 - Present**

- Provide signal personnel with direction and guidance during preparation and configurations of tactical communication networks.
- Design communication networks to support the mission of our organization.
- Coordinate training exercises and professional development of signal personnel.

**SecurIT360** **Junior Security Analyst** **August 2018 - June 2019**

- Detected network security violation patterns via packet analysis with Fortinet's SIEM software.
- Recommended network policy configurations in client firewalls and IDS/IPS devices in order to reduce avenues of exploitation.
- Developed training courses to educate clients based on audited security vulnerabilities.

## Technologies

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|--------------|-----------------------|-----------------------|
| • ASP.NET/C# | • Angular 2+          | • CI/CD               |
| • SQL Server | • HTML/CSS/JavaScript | • Web Service Hosting |
| • Python     | • SVN/Git             | • Test Automation     |

## Education

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**Georgia Institute of Technology** **January 2021 - Ongoing**

- Master's Degree in Computer Science

**University of Alabama at Birmingham** **April 2019**

- Bachelor's Degree in Computer Science, Minor in Mathematics