

SOFTWARE DEVELOPMENT AT REDJACK LLC

By: Lauren Golian

Redjack

- ▶ Located in Silver Spring, Maryland
- ▶ Two Teams: Federal Contractors/Product Development Team
- ▶ Product Development Mission: Collect and analyze network traffic to relay informative metadata to clients

Responsibilities

- ▶ Scripting to update dependencies from corresponding API
- ▶ Analyzing Network Traffic- capturing SNMP packets

Challenges

- ▶ Learning two new programming languages
- ▶ Applying concepts from COSC117 to real-world demands
- ▶ Attempting to understand networks

Classroom Experience to Redjack

- ▶ Understanding the fundamentals of Java helped me learn python and Rust
- ▶ Dissecting problems to produce *working* scripts

The take-away

- ▶ Working at Redjack was a valuable experience that let me explore different disciplines within CS (ex: analysis, development, networking)
- ▶ I've learned how to self-teach myself various programming languages
- ▶ Learned internet protocols/capturing web and network traffic
- ▶ Beginning to analyze big data for flow analytics