



High School Intern Program

June 14 – July 7, 2022

AO Office, Costa Mesa



AGENDA

The Interns' Introduction

Week 1: Agile Services – Stan North

Week 2: Technology Autonomation – Shayaan Vasi

Week 3: Information Security – Tim Pinkus

Week 4: PMO – Phil Sando

Team-Building Exercises

Closing





Meet The Interns



Katie Dinh



Shannon Le



Yvette Mendoza



Amy Nguyen



Ulises Torres



Benson Tran



Week 1

Agile Services

Stan North



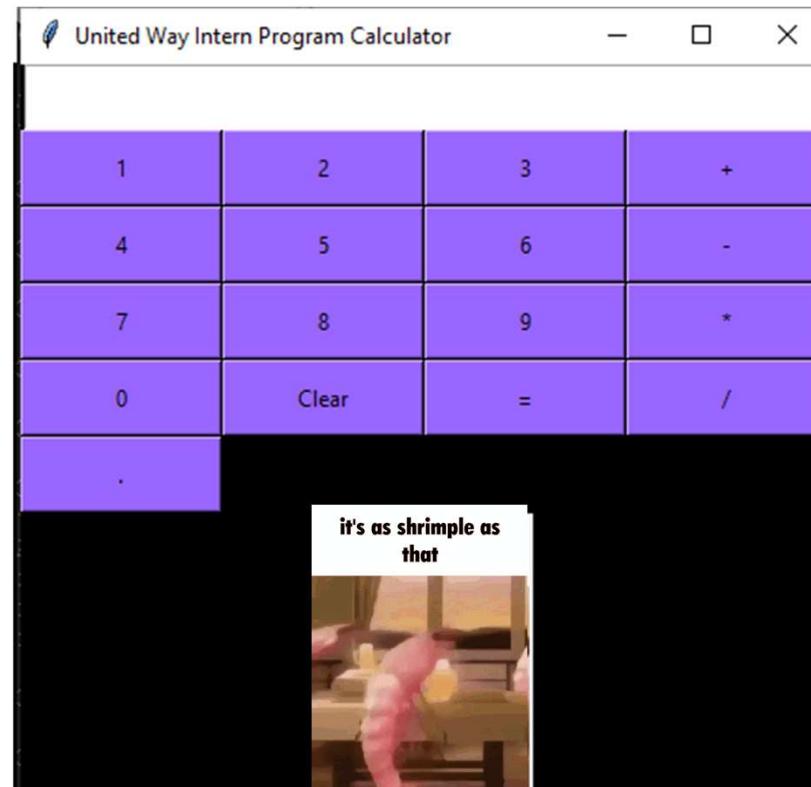


Week 1 – Agile Services

- Introduction to Scrum
- Roles in Scrum (PO, SM, Developer)
- Touring the data center (Pete Russo)
- Sprint Planning (Insurance team)
- Personal Kanban Board (Rick Hoxie)
- Jira (John Elder)
- Planning Poker (John Elder)
- Python calculator (Rob Johnson)



Python - Shrimp Calculator





Recording Video: Planning Poker

The screenshot shows a video conference interface with nine participants. The top bar includes controls for Request control, People, Chat, Reactions, Apps, More, Camera, Share, and Leave. A red 'Unmute (Ctrl+Shift+M)' button is highlighted. Below the video feed, a Jira Software interface is visible, showing a backlog item titled 'AS-97: Create an extract data link that to be able to pull an Excel data extract of all active users on teams'. The backlog board displays estimates for various team members: Shannon Le (1), Benson Tran (2), Stan North (3), Katie Dinh (3), Rick Hoxie (3), Ulises Torres (3), John Elder (5), Yvette Mendoza (5), and Amy Nguyen (8). To the right, a circular estimation chart shows the distribution of points: 8 (purple), 1 (red), 2 (orange), 5 (cyan), and 1 (yellow). A legend at the bottom left indicates the point values for each color: 3 (grey), 5 (grey), 1 (grey), 2 (grey), and 8 (grey). The participant list on the right includes: JOHN ELDER, STAN NORTH, KATIE DINH, RICK HOXIE, YVETTE MENDOZA, ULISES TORRES, AMY NGUYEN, BENSON TRAN, and SHANNON LE.



Week 2

Technology Automation

Shayaan Vasi



Week 2 – Technology Automation

- **Software Development Life Cycle**
 - Sets a standard to be followed
 - Acceptance Criteria
- **Scrum Planning**
 - Expanded more on the part each role played
- **Daily Stand-Up**
- **Tech Refinement**

- **Call Center Shadowing**
 - Woman & Daughter Story
- **Hierarchy & Company Pay**
- **Fun Facts about AAA ppt**



Week 2 – Technology Automation



Product Owner:
Chuck Livingston



Scrum Master:
Mike Weidauer



Line Manager:
Nicole Powley



Developer:
Cuong Trinh

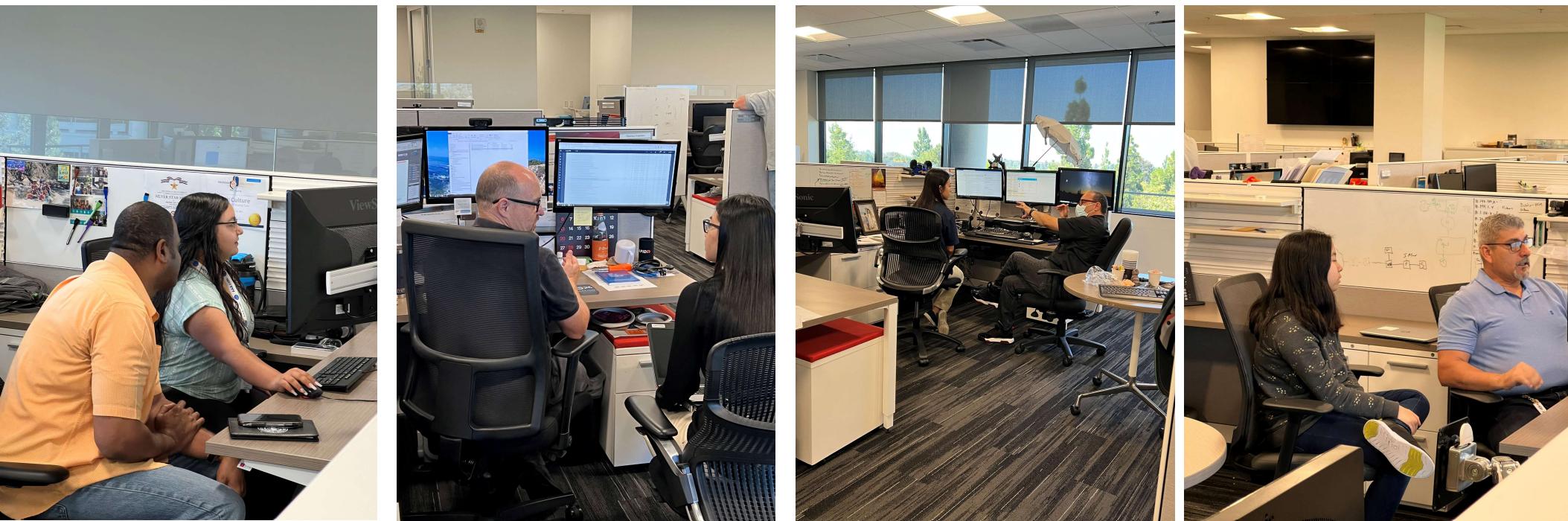


Week 3

Information Security

Tim Pinkus





Job Shadowing

Threat
Hunting with
Ken

Vulnerability
with Thomas

Taegis
Investigations
with Phil

Zscaler /
Forcepoint
with Jesse



Security & Vulnerability Assignments

Security Research Presentation

CRYPTOGRAPHY

- Uses algorithms to disguise information to ensure its security
- Applies to data in transit and data at rest
- Ensures that only the authorized people can read it
- Prefix: "crypt" = hidden
- Suffix: "ography" = writing



Types of Cryptography

Symmetric Key	Hash Functions	Asymmetric Key
<ul style="list-style-type: none">• Single common key to encode & decode	<ul style="list-style-type: none">• Hash values are calculated to replace plain text• used for passwords	<ul style="list-style-type: none">• Keys to encode & decode are different

[Cryptography and its Types - GeeksforGeeks](#)

Vulnerability Notification

Researching recent vulnerabilities in the wild



ISQ1VVV.001
January 0, 2024

Vulnerability / Threat Notification

Reminder: Please do not 'reply all' to this email. Please only reply to the people who need additional status updates or who are directly involved in the remediation efforts.

Applicable Scope (as determined by vendor review of affected)

Infra	Netw	Dev	Enterpris	Unify	End-User	Tools &	Cloud	Call
<input checked="" type="checkbox"/>	<input type="checkbox"/>							

This notification is to discuss the CVE-2021-22893 Security Vulnerability reported by US-CERT on June 29, 2022.

Overview:
Pulse Connect Secure has released security updates to address CVE-2021-22893. An attacker could exploit one of these vulnerabilities to execute arbitrary code via license services.
Multiple Vulnerabilities Resolved in Pulse Connect Secure 9.1R11.4 (CVE-2021-22893, CVE-2021-22894, CVE-2021-22899, CVE-2021-22890) (Patch Security Advisory: SA-01784 - 2021-04 [pulsesecure.net])

CVSS Base Score: 10

Affected Software/Products:
Pulse Connect Secure Critical

Released Patches:
PCS 9.1R9.3.R1 and Higher

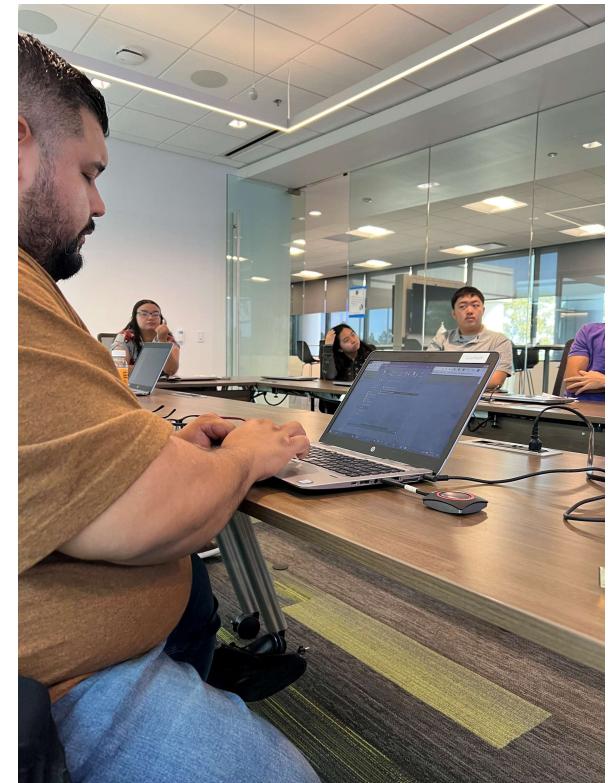
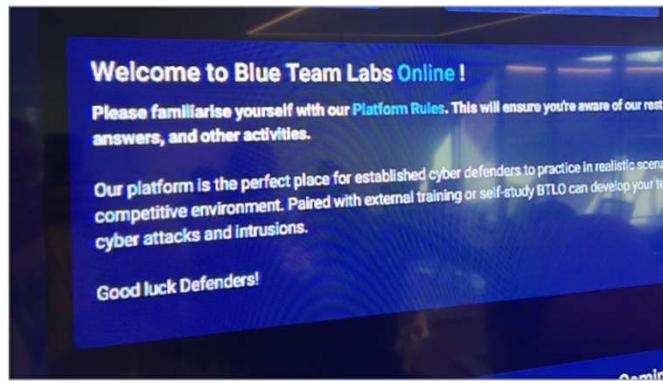
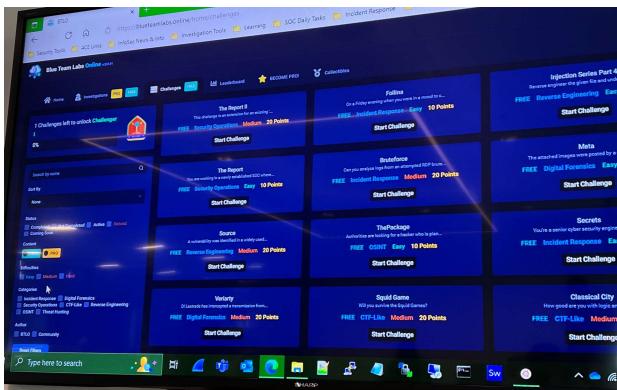
Mitigation: Patch the Pulse Connect Secure before 9.1R11.4 allows a remote unauthenticated attacker to execute arbitrary code via license services.

Exploit ID and Version:
- UNC2693 targeted U.S. Oil companies to steal legitimate login credentials to 1) trojanize shared objects,
2) inject webshells,
3) switch the typically read-only file system to a modifiable one,
4) maintain persistence even after general VPN updates,
5) evade detection by un-patching modified files and deleting utilities,
6) clearing relevant log files

- UNC2717 targeted global government agencies



Blue Team Labs





PHISHING ALERT

We have restocked the item you wanted

 Nike <nike@sale-purchases.com>
To Nguyen.Amy

(i) If there are problems with how this message is displayed, click here to view it in a web browser.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

ATTENTION: This e-mail came from an external source. Do not open attachments or click on links from unknown or unexpected emails.



Hi Amy,

We saw that we had to cancel your most recent order from Nike because we ran out before we could ship it to you, and we hate when we have to do that.

Good news though, we double-checked our inventory and this item has been restocked. If you still want it, please use this link:
<https://www.sale-purchases.com/nike-inventory/restock/999010>.

To make up for having to cancel your original order, we want to provide a promo code to use on your next order at Nike.

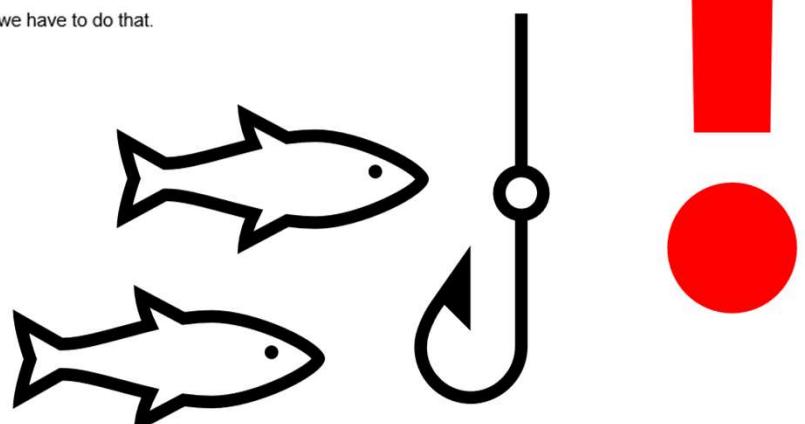
20% off: NIKE20

Expiration Date: June 30, 2022

[Term and Conditions](#) (take note as not all items qualify for discounts).

If you have any questions, feel free to let us know. We are happy to help!

Thank you,
The Nike Team





Week 4

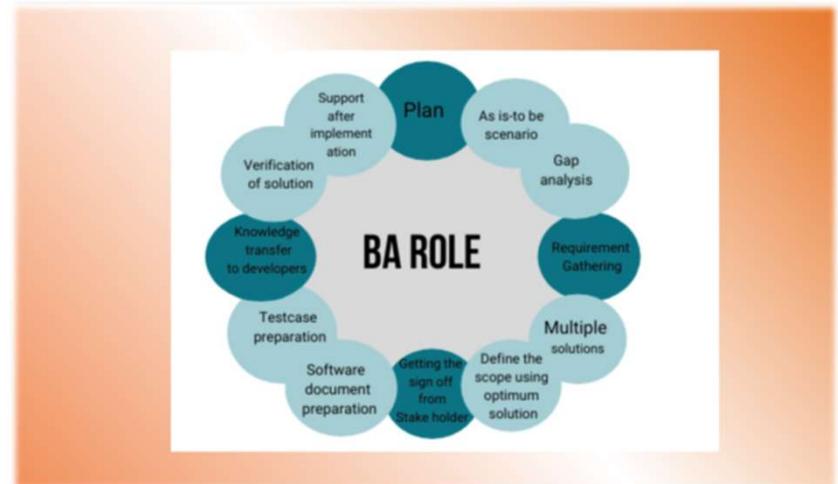
PMO

Phil Sando



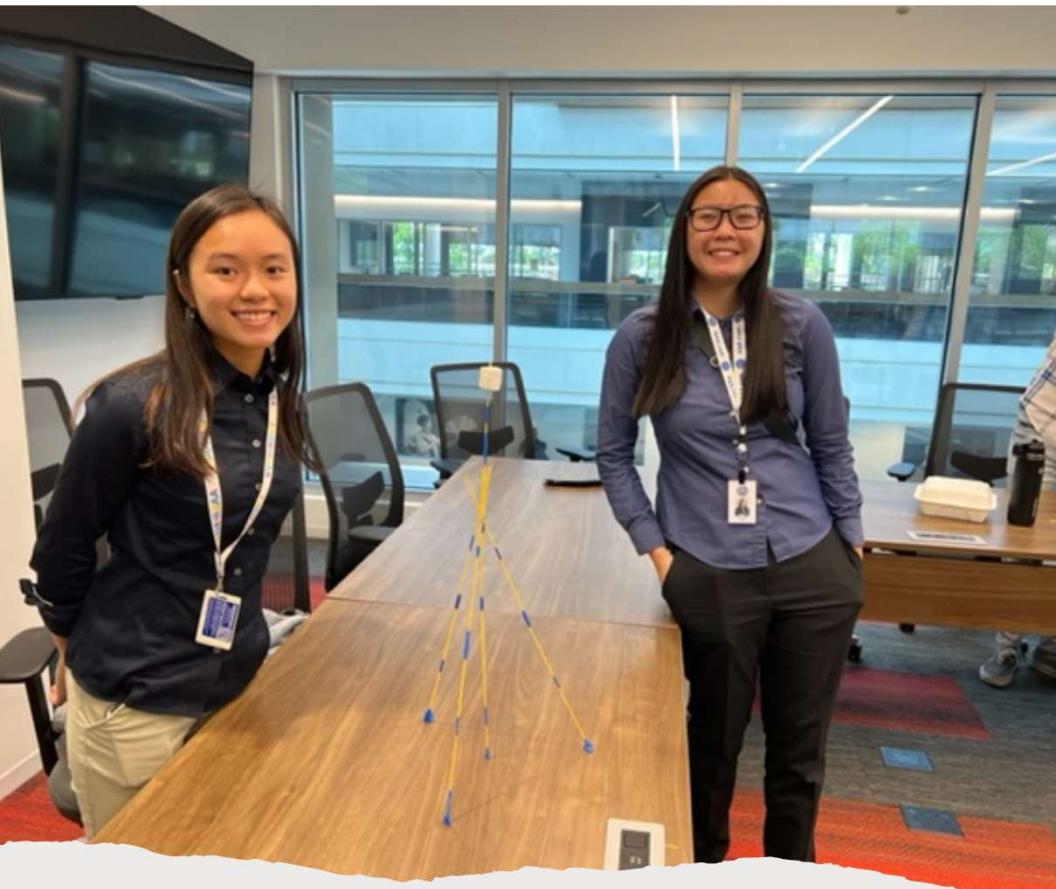
Week 4 – PMO

- Learned management skills through explanation of steps that Project Managers execute
- Jeopardy
- Exposed to the world of a Business Analyst - Percy Presswalla
- Scrum facilitates planning through providing a flow map to follow





Team-Building Exercises



Marshmallow Challenge



Marshmallow Challenge



Red or Black



Objective: Get as many positive points as possible.

KEY:
Red/Red: -3 / -3
Red/Black: 5 / -3
Black/Black: 3 / 3

Team 1	Red: -3	Red: -3	Red: $-3 \times 2 = -6$	Red: -3	Black: +3	Red: 5	Red: $-3 \times 3 = -9$	
Team 2	Red: -3	Red: -3	Red: $-3 \times 2 = -6$	Red: -3	Black: +3	Black: -3	Red: $-3 \times 3 = -9$	

Thank You!

- Chris Simpson
- Garrett Anderson
- Stan North
- Pete Russo
- Rick Hoxie
- Bita De La Rosa
- John Elder
- Rob Johnson
- Tim Pinkus
- Lisa Gonzales
- Thomas Freeman
- Phil Sims
- Ken Martinez
- Jesse Fernandez
- Mike Christie
- Glenn Mendoza
- Craig Duerr
- Phil Sando
- Lorrie Means
- Vivek Arya
- Percy Presswala
- Nedda Salimian
- Maggie Venegas
- Joan Liu
- Shayaan Vasi
- Mike Weidauer
- Nicole Powley
- Cuong Trinh
- Chuck Livingston
- Jaime Vasquez
- Andrew Bereczky



ANY QUESTIONS?





THANKS FOR LISTENING