

**Nicolas A. Salomon Ballada**

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**Education:** **Bachelor of Science in Computer Science**

Oregon State University, Corvallis OR

2021

**Bachelor of Science in Computing and Information Technologies**

Rochester Institute of Technology, Rochester NY

August 2017 - December 2018

**Experience:**

Oregon State University Ecampus: Corvallis, OR

*April 2019 - Present*

**Student Info. Tech.**

- Support, maintain, and update modules, internal tools, and class pages for Oregon State University Ecampus courses.

Oregon State University Housing: Corvallis, OR

*April 2019 - Present*

**Carrie Halsell Hall Ambassador for RHA**

- Meeting with SSAC and RHA to discuss Halsell Hall residents' needs and created activities to unite the hall.

Anita Foods SA: Lima, Peru

*March 2017 - August 2017*

**IT Level 1**

*May 2018 - August 2018*

- Managed a three-server infrastructure
- Worked on bugs with the production software using C++ and MySQL
- Created a web infrastructure using HTML5 and Responsive CSS3.

Penn State University's HackPSU: State College, PA

*April 2018*

**First Place on Amazon's Alexa Competition Strand**

- Created an Alexa-Windows integration tool which executes Windows commands through Alexa.

Georgetown University's Hoya Hacks: Washington DC

*January 2018*

**Runner-Up for Google's Competition Strand**

- Created Apparition, an augmented reality drawing tool.

**Past Projects:**

Bash Application Performance Monitor

*August 2018 - November 2018*

**Team Leader**

Created a tool in Bash to monitor application performance, collecting process and system level application metrics every 5 seconds for 15 minutes.

Python Packet Capture Analysis Tool

*November 2018 - December 2018*

**Team Leader**

This Python program analyzes raw packet captures in text form and outputs data from ICMP packets.

**Skills:**

Java SE 8, Bash, Python, C++, HTML/CSS/JavaScript, Ruby,  
Windows XP-10, macOS, Linux, Android, iOS,  
Microsoft Office Suite, Google Cloud Platform, Amazon AWS, IntelliJ Software Suite,  
Adobe CC