

# Nicolas A. Salomon Ballada

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## EDUCATION

### **Bachelor of Science, Computer Science**

Oregon State University, *Corvallis OR*  
2021

### **Bachelor of Science, Computing and Information Technologies**

Rochester Institute of Technology, *Rochester NY*  
August 2017 - December 2018

## EXPERIENCE

### **Course Development Student Employee**

*April 2019 - Present*

Oregon State University Ecampus, *Corvallis, OR*

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

### **Halsell Residence Hall Ambassador**

*April 2019 - Present*

Oregon State University Housing, *Corvallis, OR*

- Meeting with the South Side Area Council and the Residence Halls Association to discuss Halsell Hall residents' needs and created activities to unite the hall.

### **IT Assistant**

*March 2017 - August 2017*

Anita Foods SA, *Lima, Peru*

*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.

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

*April 2018*

Penn State University's HackPSU, *State College, PA*

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

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

*January 2018*

Georgetown University's Hoya Hacks, *Washington DC*

- 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, C++, HTML, CSS, JavaScript, PHP, JQuery, SQL  
Windows XP-10, macOS, Linux, Android, iOS,  
Microsoft Office Suite, Git, Google Cloud Platform, Amazon AWS, Adobe CC.