

# Andrew Nicolalde

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Lover of all things computing, Second year Computer Science student at Royal Holloway, University of London, seeking fulfilling work in InfoSec, WebDev or Software Development.

[AndrewN.io](https://andrewn.io)

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## Education

- 2016-2019 (expected)**      **Bsc, Computer Science (Information Security):** Royal Holloway, University of London (Egham, Surrey) *Successfully tested into advanced Software Development course during first year*
- 2016-2017**      **Scholarship Recipient - American Airlines Education Foundation**

## Work Experience

### Internship | American Airlines

*Corporate Communications | Summer 2016*

Supported technical setup of company's quarterly State of the Airline Report corporate event. Collaborated in the creation of event's internal communications announcements.

## Technical Experience

- Information Security**
- Created, selected & deployed security policies for personal and organizational use.
- Secured multiple UNIX servers for deployment.
  - Experienced in threat modeling, deciding and configuring technologies such as Fail2Ban, SSH, and SOCKS.
  - PGP Key Available, see email contact below.
- Developer**
- Agile + Scrum / Test-Driven Development**
- A firm believer therein.
- Git**
- Well versed in use of Git in real projects
  - Correct use of branches, commit messages
- GitHub**
- Issue, Project Tracking
- Programming Languages**
- Java**
- 6 years programming experience
  - Tested into CS1802 advanced course and collaborated with a team on creating a file management application for a simulated client.
  - Java graphics APIs like JavaFX

## Python

- Flask & Bottle
- Jupyter Notebooks

## JavaScript & Web

- jQuery
- Bootstrap

## Docs

### Excellent English writing skills

- Proficient in use of Javadoc, Python docstrings
- Focused on what's important to clients and developers
- Proficient in Pandoc

## Hackathons

### Cisco University Challenge 2017

*October 2017*

Developed a solution designed to ease congestion on trains using the Cisco Meraki API as part of Royal Holloway Team 2.

### AstonHack 2017

*November 2017*

Created a command line interface for Monzo Bank.

### Royal Hackaway 2018

*January 2018*

Made a heatmap visualizer of average inpatient healthcare costs in the United States.

## Additional Interests

- Human Languages:
  - English (native speaker)
  - Spanish (native speaker)
- Information Security Aficionado
- Passionate about and eager to contribute to Free & Open Source Software

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