

Andrew Nicolalde

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)

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 / 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

- Jupyter Notebooks

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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