

Andrew Nicolalde

Lover of all things computing, Second year Computer Science student at Royal Holloway, University of London, seeking fulfilling work in Information Security & Web Development.

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

Education

- 2016-2019 (expected)** **MSci Computer Science (Information Security) w/ Year in Industry:** Royal Holloway, University of London
- 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 & organizational use.
- Secured multiple Linux servers for deployment.
 - Experienced in threat modeling, selecting and configuring technologies such as Fail2Ban, SSH, & SOCKS.
 - PGP Key Available, see Keybase below.
- Programming Languages**
- Java**
- 6 years programming experience
 - Java graphics APIs like JavaFX
- Python**
- Flask & Bottle
 - Jupyter Notebooks
 - Scapy networking library
- JavaScript & Web**
- jQuery
 - Bootstrap

Developer

Teamwork

- Received top marks in second year Team Project course, using Scrum & Agile development tools, processes & techniques.
- Test-driven developer
- A firm believer therein.
- GitHub issue, project tracking

Git & VCS

- Well practiced in use of Git in real multi-developer & multi-team projects
- SVN proficiency

Docs

- Excellent English writing skills
- JavaDoc, Python Docs
- Pandoc, L^AT_EX

Hackathons

Cisco University Challenge 2017

October 2017

Developed a solution designed to ease congestion on trains using the Cisco Meraki smart networking 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

andrew.nicolalde@gmail.com • Keybase

+1 (817)-726-1855 | +44 07397 239145