
ANDREI NICOLAE TUTA

PORTFOLIO

Hackathon Experience

Name	Prize	Description
Local Hack Day 2015	Newb Prize	Webapp consisting of a customizable alarm clock. HTML , CSS , JS
Bath Hack 2015	Microsoft Promotion Prize	Virtual environment explorer based on Maps API and Leapmotion. HTML , JS , Leapmotion
BCU miniHack	2 nd Place	Database generator for our society. SQL , HTML , JS , Node.js
Cisco IoT Hack 2016	1 st Place	Wearable wristband, indicating pulse, temperature and position of possible NHS patients. Arduino , Python
Warwick Hack 2016	SunFounder Prize	Virtual business card holder based on NFC cards. Android , Java , SQL , AWS
HackTheMidlands	School of Code Prize	Tweet miner creating an overview of who won the online election in the American Debate. Python , Flask , HTML , Majestic API , CSS
Aston Hack 2016	CapitalOne and AWS Prize	Guy Fawkes simulator, based on 4 trials with riddles and programming challenges. Python , Flask , Shell , AWS , Majestic API
GreatUniHack 2016	Barclay's Prize	CCTV based navigator, indicating the shortest and safest (passing through as many CCTV cameras possible) route. Python , HTML , CSS , Flask , Node.js , JS , AWS
HackNotts 2016	Amazon Prize	Werewolf (or Mafia) plugin for Alexa. Python , Flask , JS , HTML , AWS

Disclaimer: All source code is available either on my [GitHub](#) profile or my [teammates](#)



Other Projects:

- **SocaDance MD:** During the summer of 2016, I worked pro-bono as a web developer for a company in my hometown. I created their website and dealt with hosting and administrating it ever since it was published.
[Ref: Website](#)
- **Monopoly AI:** created my own webapp version of Monopoly, with a hardcoded AI. Source code available on my GitHub profile.
- **Rotaract Birmingham Website and Social Media bots:** being the Social Department of Rotaract Birmingham, I decided to create their website in HTML using CSS and JS as well. On the social networking aspect, I decided to create bots for all our platforms. Projects are not finished, yet source code is available.

Awards and Diplomas:



- **LPI Certification:** understanding of the Linux and open source industry and knowledge of the most popular open source Applications; understanding the major components of the Linux operating system, and have the technical proficiency to work on the Linux command line; understanding of security and administration related topics such as user/group management, working on the command line, and permissions.
[Ref: Website](#)
- **Numerous Udemy Certificates:** numerous certificates in variated domains ranging from programming languages to Tools and how to use them. Please see the folder named "Certificates" on my GitHub for further references.

