

EXPERIENCE

Software Developer, TheAppBuilder Ltd. 09/2017-01/2018
Designing and implementing features for web application using **HTML, CSS/Less, Javascript/Typescript, AngularJs, Bootstrap**. Workflow involved using **Git** for version control and **Bitbucket** and **Jira** for collaboration with the team.
Features I implemented run in production and are used by company's clients every day.

Software engineering intern, Arista Networks 01/2019-08/2019
Contributed to web application using **React**. Wrote documentation.
Used **Gerrit** and **Git** for version control.
Developed client side editor for proprietary scripting language.

EDUCATION

Leaving certificate, CBS Carlow 2014-2015
565 Points

MCS, BA Computer Science, Trinity College Dublin 2015-2020

Computer Science, University of Toronto 2017-2018
Exchange year

PROJECTS

PERSONAL PROJECTS

Ask-me (2018): Social media application built with **Nodejs** and the **Expressjs** framework with a **MongoDB (Mongoose)** database. **Twitter API** was used for **OAuth2.0** authentication. Deployed on a **DigitalOcean** Ubuntu16.04 server.

CryptoCurrent (2017): Google Chrome extension to help maintain productivity while staying up to date with the exciting cryptocurrency markets. Roughly **23 weekly users worldwide** use the application (no marketing done yet). Developed using the **Coinmarketcap API**. **5 Star rating** on Chrome Web Store.

Github Projects(2015-Present): Projects involving image processing, genetic algorithms, fractal rendering using **Python, C, Javascript, Java** can be found on my github account (github.com/DerrickAfrifa).

OTHER PROJECTS

SigniCheck (2017): Helped university lectures track class attendance and manage class statistics by developing an online class tracking system as part of a team of 3. System takes scanned attendance sheets and generates class and individual students' statistics. **Python/Django** based webapp with **Postgresql** database. My role was developing Python module to detect a handwritten signature on a page. (Achieved 1st class)

Lyric Breakdown (2018): Developed a lyrics guessing game using **ReactJs, MongoDB** and the **Musixmatch API** as part of a team of 3. Deployed the game on **Heroku**. My role was building frontend React components and implementing database queries in the back end. (Achieved 1st class)

INTERESTS

Producing music and teaching musical instruments(piano/guitar).
Digital asset manager and active trader in the cryptocurrency market.
Football (soccer). Played for St Patricks Boys F.C. from 2009 to 2015.
Moderator and community manager for online book club.

REFERENCES

Available upon request.



DERRICK AFRIFA

+353 85 721 7504

afrifad@tcd.ie

github.com/DerrickAfrifa

<https://www.linkedin.com/in/derrick-afrifa-983557125/>

LANGUAGES

English (Native fluency)
Italian (Fluent)
Twi - Ghanaian dialect (Native fluency)
French (Conversational)
Irish (Basic)