## **EXPERIENCE**

Software engineering intern, Arista Networks

01/2019 - 08/2019

Contributed to web application using **React**. Documented my work for other developers. Designed and developed client side web editor for proprietary scripting language.

Used **Gerrit** and **Git** for version control.

Software Developer, The App Builder Ltd.

09/2017 - 01/2018

Designed and implemented 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.

# **EDUCATION**

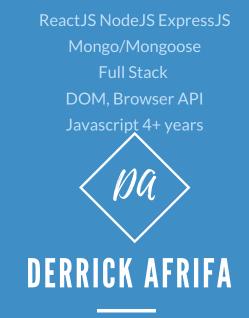
MCS, BA Computer Science, Trinity College Dublin 2015-2020

Computer Science, University of Toronto 2017-2018

Exchange year

Leaving certificate, CBS Carlow 2014-2015

565 Points



derrickafrifa.com
+353 85 721 7504

afrifad@tcd.ie github.com/DerrickAfrifa

# **PROJECTS**

#### **PERSONAL PROJECTS**

Ask-me (2018): Social media application built with Node.js and the Express.js framework with a MongoDB (Mongoose) database. OAuth2.0 used for Twitter sign in. Deployed on a DigitalOcean.

**CryptoCurrent (2017):** Google Chrome extension to help maintain productivity while staying up to date with the exciting cryptocurrency markets. Roughy 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 lecturers 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 fontend React components and implementing database queries in the back end. (Achieved 1st class)

### **BONUS SKILLS**

HTTP, HTML5, CSS3 fundamentals, DOM, Browser APIs, Linux, Bash/ZSH, REST, JSON/XML, Tomcat, Agile, OO principles/SOLID, JAAVA (Servlet/JSP)

### LANGUAGES

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