

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, TheAppBuilder 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

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. 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 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 frontend 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)

ReactJS NodeJS ExpressJS

Mongo/Mongoose

Full Stack

DOM, Browser API

Javascript 4+ years



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