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Nana Aboagye

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EDUCATION

BSc Computer Science, Loughborough University *(Oct 2017 to June 2021)*
- Notable Modules: Software Engineering, Logic and Functional Programming, Object-Oriented Programming, Embedded Systems Programming.
- Languages used: *PHP, SQL, JavaScript, Java, HTML, Haskell, C*

Beths Grammar School – Bexley, Kent *(Sept 2010 to June 2017)*
- A Level - Computing (A) Maths (A) Physics (B)
- GCSE - 10 GCSEs (3A*, 5A, 2B) – A* in Maths, B in English Language

NOTABLE PROJECTS

Oxford Hack 2019 – AutoDev Project *(Nov 2019 – Nov 2019)*
- Selected to be a participant for this year's hackathon out of 730 applicants
- Using **Ansible**, **Flask**, **React** and **Electron** and **Google Cloud Platform** we created a tool which automatically sets up and configures full stack development environments
- This includes package managers such as npm and pip; web frameworks such as React, Flask, ExpressJS, Angular; an IDE such as Visual Studio Code; databases such as MongoDB or PostgreSQL, and a local git repository.

Nomura Hackathon 2019 – Flow Monitor Project *(Nov 2019 – Nov 2019)*
- Winner in Nomura's annual internal hackathon
- Created an interactive dashboard for Sales at Nomura to see the DVO1 values of bonds of different tenors
- Used **React**, **Flask** and **AWS Elastic Beanstalk** to achieve this.

"Bumblebee" Technology News Application University Project *(May 2019 – June 2019)*
- Created a News aggregator Android application in **Java** specifically for Technology News
- Utilised HTTP GET requests to accumulate news articles using the News API as **JSON** objects
- Achieved one of the highest marks in my cohort with a mark of 82%

WORK EXPERIENCE

Nomura - Technology Industrial Placement *(June 2019 – Present)*
- Creating monitoring tools to help my team support the Fixed Income Desks Trading applications using **JavaScript, Bash scripting, Python** and **UIPath.**
- Automating deployments and other manual tasks using tools such as **Ansible, Jenkins, Kubernetes** and **Docker.**
- Migrating and porting legacy applications from Python 2 to Python 3

Explore Learning - Tutor *(June 2016 – Dec 2016)*
- Responsible for groups of up to 20 children at a time, helping them solve their Maths and English questions
- Providing feedback of what their child has done and giving a summary of the session to the parents
- Taught additional classes, preparing the children for their 11+ exams for entry to selective grammar schools

OTHER EXPERIENCE

J.P. Morgan - Code Commit - Advancing Black Leaders Networking Event *(Oct 2019 – Oct 2019)*
- Worked in groups to solve a number of Python challenges using Jupyter Notebook
- Presented and shared our ideas and algorithms to the group

African-Caribbean Society Liaison and Welfare Officer 2018-2019 *(March 2018 – June 2019)*
- Responsible for dealing with the sponsorships of the Afro-Caribbean Society
- Negotiated sponsorship funding from Accenture in excess of £1000
- Managed relationships with our sponsors, keeping them updated on the activities of the society

First Year Loughborough Computer Science Programme Representative *(Oct 2017 – Oct 2018)*
- Collecting feedback on the course modules from a cohort of up to 150 students
- Participated in meetings every semester with lecturers and other members of the senior leadership team of the department to discuss my findings and work to resolve any issues First Year students were having

PERSONAL INTERESTS

- Joined Nomura's Public Speaking Society looking to practice and develop my public speaking which I enjoy
- Learning about Property Development and Investment
- I enjoy learning Mandarin and achieved the YCT (Youth Chinese Test) (Level 2) Exam Pass Score: 195/200

TECHNICAL SKILLS

Programming Languages: Java (Intermediate), Python (Intermediate), C/Arduino (Beginner), Visual Basic (Advanced), Bash scripting (Intermediate), JavaScript (Intermediate), PHP (Intermediate), SQL (Advanced)

Tools & Technologies: Ansible, Jenkins, Docker, AWS, Linux, HTML/CSS, ReactJS, GitLab, SQL, GCP