Warren Scantlebury

I'm a zealous young computer scientist who is always looking to push the boundaries and really enjoys taking on a challenge. I absolutely love programming and will take any opportunity to write some code to solve a given problem. In addition to computer science I love to play and watch sports

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Education

MSc Computer Science at University of Nottingham (2021-present):

current courses:

- Cyber Security
- Machine Learning
- Advanced Computer Networks
- Research Methods

Bachelor of Science [Computer Science Double] (1:1) at UWI, Cave Hill Campus (2014-2018):

Some completed courses:

- Computer Programming 1 and 2 (A+ and B+ respectively)
- Building Web Applications (A-)
- Digital Electronics (A)
- Introduction to UNIX (A-)

Associate's degree at Harrison College (2007-2014)

Work Experience.

Hyuna International, Web Developer (Intern May 2017 - Sep 2017, Full Time May 2018 - Sep 2019)

During the internship program I was exposed to a team of very skilled backend and front-end developers who were an integral part of my development. I was tasked with the creation of an internally used **restful API** which became a major component in the companies' day to day operations. Working full time at Hyuna called on a range of skills, from development of interdependent services all connected via **Docker** and **Docker Compose**, to working with large existing API's using **node** and **express.js** framework. Other challenges included creating serverless APIs which make use of **AWS Lambdas** and **API Gateway**, working on a solution used to track general user interaction with our sites using **Google Optimize**, additionally my team was tasked with managing our customer facing help centers which are written in **Vue 2**.

Smartmatic International, Software Engineer (September 2019 - December 2020)

At Smartmatic my team was tasked with creating a **Design System** with a special focus on **Accessibility** that would eventually go on to be used company wide. The core of the design system was made using **Web Components** assisted by the **Stencil.js** framework, We later moved to **Vue.js**. During the second half of my time at Smartmatic I was the lead frontend developer on an **Angular 9** project tasked with bringing to life a new version of one of the company's web based election applications where **Internationalization** was a major component.

Smartterm Ltd, Software Engineer (January 2021 - June 2021)

At Smartterm we used agile like methodologies to create Web based educational technologies, during my time I've worked on video conferencing **React** apps that make use of the **AWS Chime SDK** and **AWS Cognito**, as well as other **React** applications geared toward online school and elearning.

Extra Curricular

- Created my own chat **PWA** as a simple side project with features like replies, voicenotes, link previews, **Push notifications** and many more using **MongoDB, Socket IO, NodeJS, Vue2.**
- Participated in **Startup Weekend** powered by **Google for entrepreneurs** and won the prize for the most innovative idea.
- Part of a UWI **Computer Science Society** (**CSS**) workshop in which my group was able to successfully create an emergency app using the ionic framework, the group was very successful and the app was then awarded the second place prize after being presented to a panel of judges.

Sports

- Current member of the University of Nottingham Cricket Club (UNCC)
- Captain of the Harrison College cricket U19 and Intermediate teams (2013-2014), Barbados Youth, and UWI Cave Hill (2015-2017)
- Harrison College BSAC track team, Harrison College cross country team, also medaled at run Barbados (5K) in the U19 age group and participate in many 5K runs annually.

Interests

- **Progressive Web Apps:** the entire PWA space has caught my attention and I keep up to date with new additions and changes to capabilities we have available as web developers. I try to use these feature in my side projects as well
- **Database and Data management:** ways in which companies such as Google and Whatsapp manage very large amounts of data, while providing near instant communication across a range of services.
- **Microservices and Devops:** the transformation of the traditional way of building backend services to a more decentralized suite of services with providers such **AWS, Firebase, Heroku.**