

Zak Dowsett

Software Developer

Quick learning Software Developer with almost 3 years of professional experience. Achieved a 1st in (BSc) Computer Science from the University of Portsmouth. Have a huge interest in the application of blockchain and cyber security. Previous projects range from websites to desktop applications, as well as the creation of REST APIs and B2B integration projects.

z.dowsett@outlook.com ✉

(+44) 07426 00 2968 📞

Southsea (Looking to relocate) 📍

zakdowsett.co.uk 🌐

linkedin.com/in/zak-dowsett-4a7455131 in

github.com/ZakDaMack 🐙

EMPLOYMENT

Software Developer Transalis

06/2019 - Present

B2Bi Automation, Integration and Analytics. Connecting 98% of the electronically-trading UK retail market

Achievements/Tasks

- Developed a permissioned blockchain application in Java to store immutable records for businesses, which can be interacted with a REST API
- Earned Certified Blockchain Security Professional (CBSP) certification with Blockchain Training Alliance (BTA)
- Work both within teams and independently on multiple projects depending on the size, communicating with clients to identify project deliverables and meet deadlines
- Develop and maintain REST APIs with correct authorisation and authentication policies for clients to access data stored on our system
- Supported infrastructure with server setup and application deployment, as well as implementing server monitoring tools
- Led small group projects which required liaising with clients throughout the life of the project and assigning tasks based on availability and experience
- Currently working on a new front end application for customers to create new connections and view business documents using the react framework

Placement Software Developer Pear Technology

07/2017 - 08/2018

Provide digital mapping services to both public and private sector, as well as develop easy-to-use GIS software for clients

Achievements/Tasks

- Created new features and bug fixes for two existing online products: Map Shop and Cemetery Searcher
- Managed a Microsoft IIS server hosted on Amazon AWS EC2, as well as design and development of SQL databases
- Worked on new features for a new desktop GIS application, utilising the .NET framework and many different libraries, which was released in an Alpha state to customers
- Proposed and started work on a new online web application which would work across a wide range of online devices and save work to the cloud
- Attended a conference to get an insight and report back on what is currently available within the market and speak to potential future customers about what they would want

INTERESTS

Gym Hiking Wild Camping Airsoft Reading

Blockchain Cyber Security

SKILLS

Problem Solving Teamwork Leadership
Communication Time Management C# / .NET
React / JS Linux Java / Maven SQL
MongoDB Blockchain Server Management

EDUCATION

BSc Computer Science University of Portsmouth

09/2015 - 05/2019

1st Class Honours

Units

- Final Year Project implementing Fully Homomorphic Encryption into a Blockchain application
- Security and Cryptography
- Theoretical Computer Science and Discrete Mathematics
- Parallel/Distributed Systems
- Practical Data Analytics, Warehousing and Mining
- Software Engineering
- Database Design and Development
- Usability and Web Design

A-Level / GCSE The Barclay School

09/2011 - 08/2015

Stevenage

Results

- 3 AS2 levels - Grade C in Maths, Grade D in both Economics and Business
- 11 GCSEs grades A - C including Maths (A) and English Language (C)

VOLUNTEER EXPERIENCE

Volunteer First Aider St. John Ambulance

12/2008 - Present

Society President UoP Airsoft Society

06/2018 - 05/2019