

# Mark Cockburn [ˈmɑ:k KOH-bɜrn]

Web/Software Engineer



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MorkHub



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## EXPERIENCE

### UNIVERSITY OF EAST ANGLIA | LEAD WEB DEVELOPER

August 2021 – Current | Norwich, UK

- BAU work on website & microsite maintenance and feature upgrades.
- Developed administration dashboard for university course catalogue.
- Technologies used include: HTML, Laravel, SQL, AWS Cloud.

### ADECCO NORWICH | JUNIOR BRANCH ADMINISTRATOR

June 2014 | Norwich, UK

- Electronic office administration tasks, including Excel spreadsheet processing, and form processing.
- Correspondence with clients over the phone and via email.
- Matching up skillsets of candidates to job vacancies and onboarding of new clients.

## EDUCATION

### UNIVERSITY OF ESSEX | COMPUTER SCIENCE BSC

October 2016 – July 2020 | Colchester, UK

Achieved First class degree with honours (Final Grade 78%)

- **Software Engineering:** OOP modeling & design, project management, agile development practices, testing, and collaboration.
- **Application Development:** Web development, socket based networking, GUI development, and database interaction.
- **Networking:** Subnet creation, firewall configuration, network traffic analysis, and network topology diagrams.
- **Natural Language Engineering:** Wordnets engineering, Sentence parsing, Tokenisation, Sentiment Analysis, and Part of Speech tagging.

## PROJECTS

### UNIVERSITY CLIENT/SERVER APPLICATION | JAVA, C#

2019 | [github.com/MorkHub/Client-Server-App](https://github.com/MorkHub/Client-Server-App)

- The purpose of this project was to explore the inter-operation of a Java and C# client using socket based networking.
- The emphasis of the application was on building a robust communication protocol between the two clients (Java / C#) and a dedicated server (C#).
- The Java client included a graphical user interface in addition to the console based user interface.

### COMMUNICATION PLATFORM BOT | PYTHON

2017 - 2021 | [github.com/MorkHub/PedantBot](https://github.com/MorkHub/PedantBot)

- A Chatbot for the popular online messaging platform Discord. Provides a suite of useful tools for moderation, entertainment, and information
- This includes User statistics, reminders, and administration/moderation utilities.

## SKILLS

### PROGRAMMING

Proficient:

Java • JavaScript • Python  
PHP • HTML

Experienced:

C# • SQL • CSS

Familiar:

Bash • C++

### LIBRARIES/Frameworks

Laravel • PHPUnit • Node.js  
React • ASP.NET Core

### TOOLS/PLATFORMS

Git • Jira • Windows • Linux  
CI/CD • AWS • Docker

## SOFT SKILLS

### COMMUNICATION

- Synchronise feature integration with other departments.
- Coordinating releases with QA Staff.

### LEADERSHIP

- Leading project surrounding administration dashboard development.
- Establishing project timelines.

### ORGANISATION

- Logging of tasks in project management tools.
- Leverage source control functionality for feature branching.

## REFERENCES

Available upon request