





# Fred Palmer

Junior SQL Developer at  
Essex Partnership University  
NHS Foundation Trust

 **Date of Birth:** 03/07/1995

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 fred.digital

## Skills





### Programming:

|                      |       |
|----------------------|-------|
| Java, Javascript, C# | ●●●●● |
| SQL                  | ●●●●● |
| NoSQL (Cassandra)    | ●●●●● |
| Python               | ●●●●● |
| C++                  | ●●●●● |
| Android Development  | ●●●●● |
| Bash scripting       | ●●●●● |

### Tools/Frameworks:

|                 |       |
|-----------------|-------|
| Unity3D         | ●●●●● |
| Version Control | ●●●●● |
| HTML, CSS       | ●●●●● |
| React, Gatsby   | ●●●●● |
| TensorFlow      | ●●●●● |
| Weka            | ●●●●● |

## Interests

-  Emerging Technologies
-  Web Frameworks
-  Gaming
-  Investing

## Working Experience

|                       |  |
|-----------------------|--|
| Oct, 2019 – Present   | <b>Junior SQL Developer</b><br>EPUT, Basildon<br>Creating and altering tables which contain crucial and sensitive patient and staff data.<br>Developing SSIS packages to transport data submitted from different sources across the Trust into a myriad of related SQL tables.<br>Constructing SSRS reports for use by staff who have limited technical knowledge.<br>Working closely and assisting the front-end team developing forms in Javascript.<br>Troubleshooting edge-case issues in SQL and in Javascript.<br>Experience implementing a Business Intelligence Stack. |
| Oct, 2016 – July 2019 | <b>General Assistant / Bar Staff</b><br>Laindon Community Centre, Basildon<br>Primarily a customer-facing role, handling the needs of all customers. General reception, bar, and cellar work. Responsible for ensuring the centre is safely secured when it closes. Stock control.   |
| Jul, 2011 – Feb, 2014 | <b>Bar / Waiting Staff</b><br>Hungry Horse (Greene King), Basildon<br>Working in a restaurant, waiting on tables, taking orders, serving drinks. Dealing with customer complaints. Versatile role; frequently switching between bar and restaurant. Independently resolving complaints within the establishment.   |

## Education

### Undergraduate Study

|             |  |
|-------------|--|
| 2014 – 2018 | <b>Computer Science (BSc)</b><br>Nottingham Trent University<br><b>Grade:</b> First Class Honours<br><b>Project Title:</b> Replicating Starting Murmurations (82%) - Using Unity to recreate empirical data; based on Craig Reynold's 'Boids' and adapted to be specific to Starling behaviours.<br><b>Key Modules Completed:</b><br><b>Cloud Computing</b> - Using cloud infrastructures to manage large scale computing projects and information (Big Data).<br><b>Mobile Platform Development</b> - Primarily an Android based development course with general mobile UX design included.<br><b>Artificial Intelligence</b> - Theoretical Foundations of AI, Data Mining, NLP, and Machine Learning.<br><b>Software Engineering</b> - Constructing clean code in C++ in a *nix environment. Test-driven development and refactoring.<br><b>Systems Software</b> - Constructing a Spotify clone using socket programming in Java.<br><b>System Analysis and Design</b> - In a team, created an Android application to test stroke victims to decide if they have the ability to drive. Developed using an Agile methodology from functional requirements to deployment.<br><b>Database Engineering</b> - A SQL based database module, ranging from simple table queries, to managing and optimising databases. |
|-------------|--|

### Earlier Education

|           |  |
|-----------|--|
| 2011-2014 | <b>A Levels</b><br>Palmers College, Grays<br><b>Mathematics:</b> A<br><b>Accounting:</b> B<br><b>Further Mathematics:</b> D<br>Acquired additional AS levels in Economics and Computing. |
| 2006-2011 | <b>GCSE's</b><br>James Hornsby High School, Laindon<br><b>9 GCSEs including an A in Maths and B in English.</b>  |