Derek Dhammaloka

Web Developer

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PROFILE

Highly-talented, technically-minded, and resourceful with proven skills in design and development of web sites. Ability to explore, learn, and apply software and technologies as needed to successfully complete projects. Aspiring to gain entry and start a challenging career in web development, using HTML, CSS, and other programming languages as well as software in high profile organisation that offers a genuine opportunity for progression. Able to communicate directly with clients. Possess excellent analytical, interpersonal, problem solving, and development skills.

AREAS OF EXPERTISE

- Website Design & Roll-out
- Software Development
- Client Relationship Management
- Problem Analysis/Resolution
- System Requirements
- Backend Design
- Frontend Design
- Code Optimization/Refactoring
- Debugging
- Technical Troubleshooting

Software Projects

Key Projects:

- ***January 2022 – Light-Bright App***

  Developed a website for the Light-Bright App, which allows the user to add, change or remove colours from the circles using HTML5, CSS3, JavaScript, Google Fonts and React.

- ***January 2022 – Pong Game***

  Developed a website for the Pong Game App which allows the user to play against the computer using HTML5, CSS3, JavaScript and Google Fonts.

- ***October 2021 – Book Trading Club***

  Developed a website for the Book Trading Club which allows the user to search for books as well as make trading requests using Pug, CSS3, Bootstrap 5, Bcrypt, Font Awesome, Mongoose, MongoDB, Express, Google Fonts and Google Books Search.

- ***September 2021 – Map Data Across the Globe***

  Designed a website for Map Data across the Globe which allows the user to see which meteorites have landed on a world map using HTML5, CSS3, JSON, JavaScript and d3.

Web Site Links

- *Live Project - https://derektypist.github.io/light-bright-app*

- *GitHub Repository - https://github.com/derektypist/light-bright-app*

- *Live Project - https://derektypist.github.io/pong-game*

- *GitHub Repository - https://github.com/derektypist/pong-game*

- *Live Project - https://book-trading-club.ddxps46.repl.co*

- *GitHub Repository - https://github.com/derektypist/book-trading-club*

- *Live Project – https://derektypist.github.io/map-data-across-globe*

- *GitHub Repository – https://www.github.com/derektypist/map-data-across-globe*

Technical Proficiencies

Software (Proficient): Excel, PowerPoint, HTML5, CSS3, JavaScript, GitHub, Git, Bootstrap, PDF, Python, Visual Studio, AWS Cloud9, Google Fonts

Software (Familiar): Heroku, Flask, Django, MongoDB, SQL, jQuery, Adobe Photoshop, JSON, XML, C#, C++, Java, PHP, React.js, Vue.js, Adobe Dreamweaver, Mongoose, Express, Node.js, Machine Learning, Pug, Emoji Awesome, Font Awesome, d3

EDUCATION

- **Legacy Back End, Legacy Data Visualization and Legacy Front End, 2021 and 2022**
  FreeCodeCamp, Remote

- **Diploma in Software Development**
  2019 to 2020
  Second Class Honours
  Code Institute, Remote

- **Diploma in Web Design Specialist**
  2016
  Pitman Training, Peterborough

- **BSc(Hons), Maths, Statistics and Computing**
  1988-1991
  Lower Second
  University of Greenwich

- **GCSE & A-Levels**
  1982-1988
  3 'A' Levels in Maths, Physics and Chemistry
  5 'O' Levels in Maths, Physics, Chemistry, Economics and Computer Studies
  Kelsey Park School for Boys, Beckenham

Employment

- **May 2016 – January 2020 Data Entry, Cambridge Assessment**
  - Effectively entered data for various exams using Microsoft Excel
  - Adhered to Policies and Procedures
  - Clerical and Transcription Checking of Scripts
  - Successfully inputted and Prepared Data for the recording of exam results

- **January 2004 – January 2016 Bureau Operative, Restore Scan**
  - Effectively entered data for various projects including BP Alaska Pipetracker, Transport for London and Network Rail using packages such as Microsoft Excel
  - Indexing of Documents and Illustrations
  - Effectively scanned documents, maps and radiographs for various projects such for various projects including the International Glaciological Society, Network Rail and Saipem

Professional Associations

- **October 2004 – Present**

  Professional Member of the British Computer Society

- **August 1991 – Present**

  Affiliate Member of the Institute of Mathematics and its Applications