JACK **GERRARD**

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Second year computer science student looking for part-time work or internship in I.T sector with large potential in programming and a flare for front-end design.

EDUCATION AND EXPERIENCES

So far on my journey to become a web developer
2013-2014
I first started using HTML in a Fas "intro to web design" course back in 2013, after that I studied a Fas I.T maintenance course to get into "Networks and web design - level 5" in St John's central college in Cork city where I learned some client-side JavaScript, Python, HTML, CSS and some network essentials like I.P addresses, mac addresses, how to host a website etc....

2015
When I finished that course, I started working in a call centre called Intercall where I was selling domain names for a company called 'Minds And Machines', this didn't work out and I left.

A month or two later I started working in another call centre who were a vendor for the Google Apps for Work platform, now called Google Suite. During my time there I was a Gmail specialist, assisting customers with various email tasks such as spoof protection, zone file editing, settings in the Gmail client and syncing and migrating with other platforms.

While I worked there I decided that my true calling was in web development and spent a great deal of my spare time playing with various front-end techniques and libraries for CSS and JavaScript

2016
When I was let go from that call centre at the beginning of 2016 I went back to St John's to further my education and did a level 6 certificate in "Systems software and networks". This course covered a wide range of computer science subjects from Network maintenance and security through to terminal usage, during this year I learned more about client-side JavaScript, PHP, and C#. I had never been more resolute to become a web developer.

2017
I was very successful and learned a lot in the last year at St John's, so successful that I was able to Join Cork Institute of Technology as a second year student in "Web development" and here I am, due to graduate in 2020.

HERE ARE MY RESULTS FROM ST JOHN'S IN 2017:
MODULES - RESULTS
- GUI Programming - distinction
- IT Administration - distinction

- Leadership - distinction
- Mobile Technologies - distinction
- Network Infrastructure - distinction
- Network Security - merit
- Object Oriented - Programming pass
- Physical and Logical Networking - distinction
- Systems Software - distinction
- Web development - distinction

SKILLS

- Programming languages: JavaScript, PHP, Java, HTML and CSS.
- JavaScript Libraries: React and Vue as demonstrated by the projects on my portfolio.
- Modern CSS techniques with Grid and flexbox, both of which are used on this page and several other projects.
- Preprocessor: Pug(previously Jade), JSX, Babel, Sass, Scss, TypeScript as shown on my CodePen profile where I frequently experiment with front-end technologies.
- Version control with git demonstrated by my GitHub account which I used to control all my larger projects, usually as a private repository.
- Css Libraries Foundation, Bootstrap, Materialize, Bulma as shown on my CodePen profile where I frequently experiment with front-end technologies.
- A good grasp on, and a dedication to good user interface and experience design as demonstrated on all my work, I hope.
- Full stack Development with M.E.A.N and L.A.M.P stacks.
- Data storing and exchanging with JSON and XML.
- Database management with Firebase or SQL. These are demonstrated in the projects on my portfolio.

- A thorough understanding of how clients and servers communicate as demonstrated by my collection of distinctions in Systems Software and networks in Saint John's Central College.
- ReSTful APIs developed with Express JS and/or Express Generator This can be seen on my JavaScript projects on GitHub, look for the TATE project.
- Basic Photoshop / Affinity Designer skills as I have shown with the logo and images on my portfolio.
- WordPress installs, maintenance and theme development with PHP.
- Linux server configuration and administration that I do through a Virtual Private Server on Digital-Ocean.
- Zone file manipulation on DNS. SPF, DKIM and DMARC records a specialty.
- Programming languages: JavaScript, PHP, Java, HTML and CSS.

ACTIVITIES

I have a broad interest in computers from building gaming desktops, playing with musical interfaces in a DAW, programming, browsing, reading about and studying computer related topics. I try to tear myself away from the screen for at least a few hours a day and one day a week. I enjoy walking and listening to music.