Jack BUCINSKAS

BCompSci, DipIT

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CAREER OBJECTIVE STATEMENT

To participate and contribute to beneficial services that will impact the community through effective Information Technology solutions, strategies and programmes.

EXPERIENCE

IT Officer   **November 2019 – Present**

Full Time, Information, Communication and Learning Technologies
St. Benedict's Catholic College, Oran Park & Catholic Education Office – Diocese of Wollongong

- Comprehensive knowledge of System Security and Administration aided through utilising the following; Linux/UNIX, HTTPS/SSL, DNS, Active Directory, DHCP, Windows Server, Docker, Internet Security (Zscaler), Reverse Proxies, Virtual Networking, WAP Technologies (Ruckus & Aruba), Managed Software Centers (SCCM, Munki) and Mobile Device Management (Mosyle Manager & Active Directory Policies).
- Detailed knowledge of JavaScript, Node.js, MongoDB, MySQL, Python, Django, C++, Bash/PowerShell, .NET framework, GitHub/Git and Industry level experience on user interfaces and design principles.
- Effective at developing sustainable strategies for System Security, Administration and identifying Infrastructural and Networking issues.
- GLPI & FreshService Ticketing System, ITIL Practices, analysis of recurring tickets.
- Project management and strong problem-solving skills.

Full Stack Web Development   **April 2019 – June 2019**

Internship, QPS Benchmarking, Wollongong

- Front End React.js development, Excellent CSS design practices.
- Python Django framework to link MySQL database.
- GitHub version control, CI/CD pipeline (using GitLab).
- Familiarised myself with existing testing frameworks.

PROJECTS

Cloud Services

I have experience with both Azure Services and Amazon Web Services (such as Amplify, EC2 and S3). I am currently hosting my personal site **https://bucinskas.net/** with Azure DevOps in an Azure Static Web Service and using Cloudflare to serve SSL & TLS 1.3 whilst also utilising their CDN.

Internet of Things

I am currently exploring, enjoying and learning about the ever-expanding use cases of IoT's such as PoE cameras, smart door locks, smart powerline adapters (analysis of energy usage), thermostats (analysis for energy savings), and other devices that can contribute a positive change to society.

Dockerised Personal Services

Docker and virtual networking experience creating a number of services with the use of docker-compose. All subdomains are reverse proxied with Traefik and protected and cached by Cloudflare DNS and utilises a number of middleware's such as Let's Encrypt to serve SSL certificates.

I store most of my current projects on GitHub Gists:
https://gist.github.com/jackbucinskas

EDUCATION

Bachelor of Computer Science   **2018 – 2020**
University of Wollongong
Diploma of Information Technology   **2017 – 2018**
University of Wollongong