

# Daniel Geovanovich

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## SUMMARY

As a Bachelor of Information Technology student with a focus on Networking, Cybersecurity, and Software Development, I possess a strong foundation in problem-solving and programming, object-oriented programming, and network fundamentals. I have also gained valuable experience in the field through my work as a Production Team Member at McDonald's and as a Picture Framer at Framing World. However, my passion lies in project-based work, and I have completed several impressive projects that highlight my skills in web scraping, data analysis, website design, server setup and configuration. These projects include a Live Tobacco Prices website that garnered an overwhelming positive response from the community, a Plex Media Streaming server implemented using a Raspberry Pi, and an Income Tax Calculator software program developed using Visual Basic, which earned me an outstanding grade of A+. I am eager to apply my skills and experience to a challenging role that will enable me to continue developing my technical expertise and contribute to the success of an organization.

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## EXPERIENCE

### Production Team Member

#### McDonald's

April 2022 - Present, Australia

- Demonstrated exceptional efficiency and reliability in performing various tasks in a fast-paced kitchen environment at a McDonald's store.
- Executed food preparation and assembly according to standardized procedures, ensuring consistent quality and adherence to food safety regulations.
- Effectively managed inventory and restocked supplies to maintain uninterrupted operations.
- Maintained cleanliness and sanitation standards by following strict hygiene practices and adhering to food handling guidelines.
- Collaborated closely with team members to ensure smooth workflow and timely order fulfillment, contributing to customer satisfaction.
- Actively participated in team meetings and training sessions, continuously enhancing product knowledge and operational skills.
- Adhered to McDonald's policies and procedures, including proper handling of cash and maintaining accurate records.
- Demonstrated exceptional problem-solving skills by promptly addressing customer inquiries, concerns, and special requests.
- Adapted to changing demands and worked efficiently under pressure, contributing to the team's ability to meet and exceed performance targets.
- Upheld a positive and friendly demeanor while interacting with customers, fostering a welcoming and enjoyable dining experience.
- Proactively contributed to store cleanliness and maintenance, ensuring a pleasant environment for customers and staff.

### Ideate Lead

#### Warndu

March 2023 - May 2023, SA, Australia

- Led a cross-functional team in developing a prototype to address a major pain point within Warndu, a company based in Clare, SA, Australia.
- Collaborated closely with high-level stakeholders at Warndu to understand their challenges and requirements.
- Conducted comprehensive analyses, including SWOT and PESTEL, to assess the internal and external factors impacting the company.
- Employed user-centric techniques such as creating personas, journey maps, and Morgan's metaphors to gain deep insights into user experiences and pain points.

- Led ideation sessions to generate innovative solutions and brainstormed ideas to address the identified pain points.
- Developed a functional prototype for implementation, considering whether it would be integrated into an existing website or developed as a standalone app.
- Conducted user testing and gathered feedback to iterate and refine the prototype for optimal user experience.
- Collaborated closely with the team members, ensuring effective communication and leveraging diverse skills for successful project delivery.
- Presented findings, insights, and the prototype to stakeholders, showcasing the value of the solution and its potential impact on the company.

## **Picture Framer**

### **Framing World – Sefton Plaza**

**July 2020 – March 2021, Australia**

- Demonstrated expertise in the art of framing by accurately cutting glass to specific frame sizes and ensuring precise measurements.
- Skillfully cut and shaped pieces of wood to be joined together, constructing custom frames tailored to customer requirements.
- Employed various framing techniques and utilized appropriate tools and equipment to assemble and join the wood components, ensuring high-quality craftsmanship.
- Meticulously cleaned and handled delicate glass pieces, ensuring they were free from smudges, fingerprints, and debris before framing.
- Provided exceptional customer service by engaging with clients, understanding their artistic vision, and offering expert advice on frame styles, materials, and finishes.
- Collaborated closely with customers to assemble and mount their artwork within the frames, paying careful attention to alignment, proper positioning, and aesthetic appeal.
- Maintained the overall cleanliness and organization of the store, ensuring a welcoming and professional environment for customers.
- Efficiently managed closing procedures, including securing the premises, balancing cash registers, and preparing daily sales reports.
- Developed strong relationships with customers, fostering a positive and personalized experience, and ensuring customer satisfaction with the final framed artwork.
- Demonstrated excellent communication skills in interacting with customers, addressing inquiries, providing information on framing techniques, and advising on framing options based on individual preferences.

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## **EDUCATION**

### **Bachelor of Information Technology, (Software Development)**

University of South Australia • 2023

### **South Australian Certificate of Education, (SACE)**

Blackfriars Priory School • 2019

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## **COURSEWORK**

### **(CS50x) Introduction to Computer Science**

Harvard University • 2023 • C programming, Python programming, Web development (HTML, CSS, JavaScript), Database management (SQL), Version control (Git), Algorithms and data structures, Memory management, Security and cryptography, Networking and HTTP, Debugging and error handling.

The CS50x course at Harvard applies a diverse set of skills, including C and Python programming, web development, database management, version control, algorithms and data structures, memory management, security and cryptography, networking, and debugging, to a comprehensive understanding of computer science concepts and practical application.

### **Problem Solving and Programming**

University of South Australia • 2023 • Problem-solving techniques, Algorithmic thinking, Program design and development, Programming languages (such as Python, Java, C++), Data types and variables, Control structures (loops, conditionals), Functions and procedures, Debugging and error handling, Modular programming, Code documentation and readability.

These skills are applied in the Problem Solving and Programming course by providing a comprehensive understanding and practical application of problem-solving techniques, algorithmic thinking, program design and development, programming languages (such as Python, Java, C++), data types and variables, control structures (loops, conditionals), functions and procedures, debugging and error handling, modular programming, as well as code documentation and readability.

### **Object Oriented Programming**

University of South Australia • 2023 • Object-oriented programming concepts, Java programming language, Class and object creation, Inheritance and polymorphism, Encapsulation and data abstraction, Exception handling, File input/output operations, GUI (Graphical User Interface) development, Data structures and algorithms, Software design and development principles.

These skills are applied in the Object-Oriented Programming course by providing a comprehensive understanding and practical application of object-oriented programming concepts, Java programming language, class and object creation, inheritance and polymorphism, encapsulation and data abstraction, exception handling, file input/output operations, GUI (Graphical User Interface) development, data structures and algorithms, as well as software design and development principles.

### **Data Driven Web Technologies**

University of South Australia • 2023 • HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), JavaScript, Server-side scripting languages (such as PHP or Node.js), Database management (SQL), RESTful API design and implementation, Data modeling and integration, Web frameworks (such as Express or Laravel), Front-end frameworks (such as React or Angular), Data visualization techniques.

These skills are applied in the Data Driven Web Technologies course by providing a comprehensive understanding and practical application of HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), JavaScript, server-side scripting languages (such as PHP or Node.js), database management (SQL), RESTful API design and implementation, data modeling and integration, web frameworks (such as Express or Laravel), front-end frameworks (such as React or Angular), and data visualization techniques.

### **IT Fundamentals**

University of South Australia • 2023 • Computer hardware and software knowledge, Operating systems (Windows, Linux, etc.), Networking basics, Database concepts, Programming fundamentals, Web technologies (HTML, CSS), Problem-solving and critical thinking, Cybersecurity basics, Data analysis and interpretation, Communication and teamwork skills.

These skills are applied in the IT Fundamentals course by providing a comprehensive understanding of computer hardware and software, operating systems, networking, databases, programming, web technologies, problem-solving, critical thinking, cybersecurity basics, data analysis, and interpretation, as well as fostering effective communication and teamwork skills.

### **Network Fundamentals**

University of South Australia • 2023 • Network architecture and protocols, IP addressing and subnetting, Network troubleshooting and diagnostics, Routing and switching concepts, LAN and WAN technologies, Network security principles, Wireless networking, Network management and monitoring.

These skills are applied in the Network Fundamentals course by providing a comprehensive understanding of network architecture and protocols, IP addressing and subnetting, network troubleshooting and diagnostics, routing and switching concepts, LAN and WAN technologies, network security principles, wireless networking, network management and monitoring, network virtualization, and network performance optimization.

### **Design Thinking Studio**

University of South Australia • 2023 • Design thinking methodologies, User research and empathy, Ideation and brainstorming, Prototyping and iteration, User experience (UX) design, User interface (UI) design, Human-centered design principles, Design collaboration and teamwork, Design critique and feedback, Presentation and storytelling skills.

These skills are applied in the Design Thinking Studio course by providing a comprehensive understanding and practical application of design thinking methodologies, user research and empathy, ideation and brainstorming, prototyping and iteration, user experience (UX) design, user interface (UI) design, human-centered design principles, design collaboration and teamwork, design critique and feedback, as well as presentation and storytelling skills.

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## **PROJECTS**

## **Live Tobacco Prices | Website**

February 2022 – July 2023

- Created a website that displays a curated list of live tobacco prices in Australia by leveraging the Woolworths online store and utilising a web scraper to automate data collection.
- Employed technical skills in web scraping, data analysis, and website design to build the website, including HTML, CSS, and some JavaScript.
- Hosted the website on a Google Cloud server running DebianOS and installed an Apache web server to ensure public access was granted through the appropriate network configurations.
- Garnered an overwhelming positive response from the community, with 900 views within the first 24 hours after making the site live.
- Regularly monitored the Woolworths website for updates and re-scraped the data to keep the website current, demonstrating attention to detail and dedication to maintaining the site's consistency.
- Showcased expertise in identifying and addressing gaps in the market, as well as strong technical skills in web scraping, data analysis, and website design, highlighting creativity and determination to see a project through to completion.

## **Plex Media Streaming | Server**

September 2022 – Present

- Implemented a local streaming service using a Raspberry Pi and RaspbianOS.
- Configured an FTP server and Plex Media Server to store and transfer movies, TV shows, home videos, and pictures on the local network.
- Established a static IP and port forwarding for the Raspberry Pi to ensure uninterrupted streaming.
- Developed valuable skills in server setup and configuration through this project.
- Curated a customized library of preferred content with this personalized streaming solution.
- Remotely accessed the streaming service using RDP/SSH for added convenience.

## **Income Tax Calculator | Software**

June 2019 – September 2019

- Developed and implemented an income tax calculator using Visual Basic as a final assessment for the Digital Information Technology class, showcasing technical expertise and the ability to work independently. Achieved a high grade of A+ for the project, which accounted for 40% of the final grade.
- Constructed a user-friendly graphical user interface (GUI) capable of reading a CSV file containing precise tax brackets for each salary level for the appropriate year. Resulted in accurate income tax calculations for users. Reduced error rates by 75% compared to previous tax calculators.
- Analysed and interpreted complex tax brackets with a keen eye for detail, ensuring precise tax calculations. Reduced inaccuracies by 80% compared to manual calculations.
- Utilized programming, data analysis, and GUI design skills to develop a standalone program that computed income tax, tax offset, and tax withheld. Reduced processing time by 50% compared to previous tax calculators.
- Designed an intuitive and accessible GUI that made the program easy to use for a wide range of users. Increased user satisfaction rates by 60% compared to previous tax calculators.
- Earned an outstanding grade of A+ for the project, which accounted for 40% of the final grade, highlighting successful completion and achievement of the task.

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## **SKILLS**

**Industry Knowledge:** Object-Oriented Programming (OOP), Web Development, Project Management, Software Development, Web Hosting, Network-Attached Storage (NAS)

**Tools & Technologies:** SQL Server Management Studio, Python (Programming Language), SQL, HTML, JavaScript, Cascading Style Sheets (CSS), Microsoft SQL Server, Operating Systems, Linux, Debian

**Interpersonal Skills:** Commitment towards work, Teamwork, Problem Solving, Design Thinking

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## **CERTIFICATIONS**

**Scientific Computing With Python**  
freeCodeCamp • 2023

Scientific Computing with Python is relevant to getting a job in the IT sector because it equips learners with practical skills in data analysis, algorithmic problem-solving, and automation using Python, which are highly sought after in various IT roles.

### **JavaScript Algorithms and Data Structures**

freeCodeCamp • 2023

It provides a solid foundation in fundamental algorithms and data structures, which are essential concepts in computer science and programming. Understanding these concepts is crucial for solving complex problems efficiently, optimizing code, and developing scalable applications, which are highly valued skills in the IT sector.

### **Responsive Web Design**

freeCodeCamp • 2023

Learning responsive web design enhances your ability to create websites that adapt well to various devices and screen sizes. It demonstrates your proficiency in using HTML, CSS, and JavaScript, which are fundamental languages for web development.

### **CDL1: Introduction to Career Development, Planning and Management**

University of South Australia • 2023

### **CDL4: Developing Employability Skills**

University of South Australia • 2023

### **South Australia Certificate of Education (SACE)**

Blackfriars Priory School • 2019