

DAVID PALACIOS

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Education

Southern Alberta Institute of Technology (SAIT)

Software Development Diploma (3.8 GPA)

Calgary, AB

Jan 2024 – Aug 2025

Google IT Certificates

IT Support Professional Certificate

(Online)

Jun 2023 – Dec 2023

ComIT.org

Python for Web Development Certificate

Calgary, AB

Feb 2023 – May 2023

Relevant Coursework

- OOP (Python, C# , Java)
- Web Development (HTML/CSS and JavaScript)
- Networking Systems (Linux, Docker, Active Directory, Wireshark, Cisco Packet Tracer)
- Database Design and Programming (SQL, Oracle)
- Software Analysis, Design and Management (CASE/UML, Agile, Waterfall, and Iterative Methods - Scrum, Kanban)
- Software Testing and Deployment
- MS Office Skills - Word, Outlook, Excel

Experience

Developer (Library Management App) - Class Project

Apr 2024 – May 2024

Southern Alberta Institute of Technology - [LINK](#)

Calgary, AB

- Developed a library management system using Python and OOP principles.
- Implemented common library management functionality, including permissions for administrative staff, user authentication, and books inventory.
- Used Git/GitHub to collaborate in the classroom setting.

Developer (Networking/ IT) - Class Project

Mar 2024

Southern Alberta Institute of Technology - [LINK](#)

Calgary, AB

- Developed an Active Directory interaction script, using Python libraries such as LDAP3 and Win32, to query user and group information, supporting various directory structures.

Legal Assitant Staff

May 2022 - Jul 2022

Kirkendall Dwyer LLP

Bogota, Colombia / Dallas, TX

- Leveraged legal databases in the personal injury division for claim processing, meticulous document review, professional engagement over the phone with diverse departments and insurance entities to ensure accurate information retrieval.
- Assisted in query management, identifying and resolving data discrepancies, and improving data quality and reliability.
- Effectively addressed tasks collaboratively with team members to ensure consistent and efficient data entry practices using Salesforce, MS Office, and MS Teams on a daily basis.

Projects

Event-Management App - [LINK](#) | Python, Django, Bootstrap, JavaScript, PostgreSQL, Railway

Apr 25 – May 20

- Developed an event management application, with user authentication, OAuth integration (Gmail API), CRUD functionality, user permissions, admin dashboard, and incorporated Git/Github in version control for the entire development process.
- Leveraged Django ORM for effective data queries for form generation and processing, data management and file generation (CSV and PDF).

Echoverse - [LINK](#) | Python, Django, Vue.js, JavaScript, PostgreSQL, Retool, Docker

Apr 2024 – Current

- Developing a Speech and Text Translation full-stack web application using Django serving a REST API, PostgreSQL, and Vue.js in the front-end.
- Implemented dynamic content updates using AJAX, and orchestrated OAuth integrations for Google and GitHub login, enhancing accessibility and security.
- Integrated functionalities via various APIs and language processing modules within a single interactive interface.

Technical Skills

Languages: Python, C# , JavaScript, HTML, CSS, SQL (Postgres, Oracle)

Developer Tools: Git, VS Code, Software Ideas Modeler, Docker, Active directory, Wireshark

Technologies/Frameworks: Django/REST Framework, Bootstrap, Linux (Ubuntu/CentOS).Server 2022.

Libraries/Modules: SQLAlchemy, gTTS, LDAP and Win32

Volunteering / Extracurricular

Executive Member - Treasurer
SAIT Unicorns Club

- Supported operations of the UX/UI club, ensuring fiscal responsibility through meticulous budgeting, expense management, and actively participating in club activities and workshops.

May 2024 - Current
Calgary, AB

Volunteer Ambassador
Volunteer Ambassador - Inventures Canada 2024 by Alberta Innovates

- Performed Room Coordinator, Cocktail Reception, and Door Monitor tasks at Inventures Canada 2024.

May 2024
Calgary, AB