

# Dinil Solanga

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## Education

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### University of Guelph - BASc Software Engineering

Sep. 2025 – April. 2030

Relevant Courses: Software Design, Discrete Structures in Comp, Programming

## Skills

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**Programming Languages:** Python, SQL, C++, C

**Tools:** Git, Linux

**Libraries & Frameworks:** Node, React, Docker, Flask, Pandas

## Experience

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### IT Development Intern – Sheikh Khalifa Medical Center, Abu Dhabi UAE

May. 2025 – Jun. 2025

- Worked with Power BI, Oracle Fusion for ticketing to support workflow automation, access control, onboarding, and to support system configurations.
- Supported company networking and infrastructure by managing workstations and enterprise devices issues while resolving issues with real users.
- Maintained team Github repository, with Git and oracle fusion tickets using Confluence to write documentation.

### Software Engineering Intern – Acornic Ventures, Colombo SL

Oct. 2024 – Dec. 2024

- Full-stack web development with SQLite, React, and Flask delivering an employee reimbursement system streamlining workflows replacing an outdated paper-based .
- Built an admin dashboard system for claim review/management cutting down reimbursement delays by 1 week.
- Automated 10 + manual processes with Python for 3 cross-functional teams saving an average of 1 hour/day.

## Projects

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### Personal Website | React, Tailwind CSS, Figma | Github

Jan. 2025

- Built a responsive personal website using React and Tailwind CSS to showcase projects, skills, and experience.
- Designed and prototyped the UI in Figma, translating wireframes into reusable React components.
- Optimized responsive design using breakpoints to support mobile, desktop, and varying screen resolutions.

### Pizza-Order Database API | Flask, Python, SQLAlchemy | Github

Jan. 2025

- Used SQLAlchemy to create a database to track pizza order information.
- Utilized Flask and Python to develop a REST API to make add, search, modify, and retrieve order functions.
- Implemented test cases in python to check the functionality of the REST API.