

Dimitrios Petrakis

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Education

Bachelor of Science, Computing and Software Systems

Feb. 2024 – Nov. 2026

The University of Melbourne

- Design of Algorithms, Object-Oriented Software Development, Database Systems, Algorithms & Data Structures, Foundations of Computing, Data Analysis, Linear Algebra, Calculus.

Victorian Certificate of Education (VCE)

Jan. 2016 – Oct. 2023

Haileybury College

- 96.00 ATAR, Academic High Distinction, Year 12 Prefect, Theatre Studies Dux, 1st XV Rugby.

Work Experience

Front-End Engineer (Projects Officer)

Mar. 2025 – Present

Computing and Information Systems Students Association (CISSA)

Volunteer

- Collaborating with 3 other developers in projects team of Victoria's largest tech club (2000+ members).
- Building a React social media web app for The Conversation, a non-profit news outlet.
- Utilising Figma to design an interactive prototype and present vision to The Conversation's leadership team.

Web Developer

Apr. 2024 – Present

Yella Terra – High Performance Car Parts

Part-Time

- Managing a BigCommerce store with 10,000 monthly visitors, increasing revenue by 60% over 1 year.
- Resolved front-end bugs with JavaScript and HTML/CSS enhancements, reducing abandoned carts by 50%.
- Performed SEO audits and generated weekly reports to sustain first-page Google search rankings.
- Communicated technical solutions to both technical and non-technical stakeholders to drive business outcomes.

Projects

Between Friends

June. 2025 – Present

React Native, Expo, TypeScript, Firebase, Google Maps API

- Developing an MVP for a mobile app helping friends find a central meeting spot (café, bar, etc.) by factoring in travel time and mode of transport.
- Built with Expo and React Native for rapid mobile development across iOS and Android.
- Utilised Firebase to handle Back-End services including user authentication and storage.
- Integrated Google Maps API to visualise midpoint calculations and recommend nearby meeting spots.

Influencer Portfolio

Mar. 2025 – May. 2025

ReactJS, Tailwind CSS, EmailJS, Render

- Engineered a responsive React portfolio with serverless email infrastructure using EmailJS, implementing separate template systems for brand inquiries and digital asset distribution.
- Developed secure environment for credential management, deployed on Render with custom domain set-up and SSL.
- Implemented responsive UI components using Tailwind CSS for dynamic navigation and optimised mobile layouts.

Extracurricular

Tech Content Creator

Aug. 2024 – Present

Instagram, Tiktok

- Built educational tech content pages, amassing 10K+ followers and 30M+ views through short-form videos.

Marketing Manager

Feb. 2024 – Present

Melbourne University Greek Association

- Organised an annual ball for 230+ students, led committee meetings, managing social media accounts.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, C, MySQL, HTML / CSS

Frameworks: ReactJS, React Native, Tailwind CSS

Tools: Git, Firebase, Expo, Render, VS Code, IntelliJ, Figma, BigCommerce, Excel