
DR GINA TSANAKTSIDIS MBBS, FRANZCO

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PROFILE

Full stack software developer with strong proficiency in TypeScript and React.
Ophthalmic surgeon with subspecialty surgical training in diseases of the retina. Currently employed in the health care sector, with a view to fully transferring to a frontend development role .

Successfully completed the Coding Boot Camp at University of Sydney February 2025.
Demonstrated ability to design and implement user-focused, scalable, responsive, high-quality web applications.

Awarded an MBBS at Flinders University in 1993 and subsequently trained at the Sydney Eye Hospital, becoming a fellow of the Royal Australian and New Zealand College of Ophthalmologists in January 2001. Successfully completed two fellowships in vitreoretinal surgery at Westmead Hospital, Sydney and The Western Eye Hospital, London.

I believe the diversity of my experience can positively contribute to your team, and that I can successfully leverage my analytical and problem solving abilities to a software developer role.

I excel in critical thinking, pattern detection, time critical decision making and problem solving, and thrive in high pressure environments to deliver accurate and reproducible outcomes. I can work collaboratively due to my vast experience working in the operating theatre or individually due to my exceptional motivation and singular focus.

IT EDUCATION

FEB 2025

The Coding Boot Camp, University of Sydney

NOVEMBER 2023

Python for Data Analytics IAT Digital, TAFE

AUGUST 2023

Data Engineering Foundations IAT Digital, TAFE

JULY 2023

Microsoft certified Azure Data Fundamentals

APRIL 2023

Understanding Data Analytics IAT Digital, TAFE

IT TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, Linux

Frontend: React, Tailwind CSS

Backend : Node.js, Express.js, Apollo Server, GraphQL, Flask

Databases: MongoDB, Mongoose ODM, Postgres

CI/CD Pipelines: GitHub Actions, Microsoft Azure

Testing: Cypress component, end-to-end

Version Control: <https://github.com/gina-t>

Data Engineering: Microsoft Azure

Data Analysis: Pandas, NumPy, Matplotlib, Knime

Live Deploys: Render, Netlify

IDEs: Visual Studio Code, Jupyter Notebook, Sublime Text

MEDICAL EDUCATION

2001 TO 2025

Compliance with Continuing Professional Development

JAN 2003 TO JULY 2004

Vitreoretinal Fellowship Western Eye Hospital, London

JAN 2001 TO DEC 2002

Vitreoretinal Fellowship Westmead Hospital, Sydney

JANUARY 2001

Fellowship of Royal Australian & New Zealand College of Ophthalmologists

MAY 1993

Bachelor of Medicine and Bachelor of Surgery, Flinders University of South Australia

EMPLOYMENT HISTORY

VISION CLINIC INNER WEST SYDNEY 2014 TO PRESENT

Vitreoretinal surgery: retinal detachment, epiretinal membrane, macular hole, sub-macular haemorrhage, dislocated IOL, proliferative diabetic retinopathy

Cataract surgery: advanced, coexisting disease

Complex intraocular lens surgery: subluxated and dislocated IOL surgery, glued IOL, Carlevale IOL

Medical retina: age related maculopathy, diabetic macular oedema, central/branch retinal vein occlusion, idiopathic choroidal polypoidal vasculopathy, proliferative diabetic retinopathy

Intravitreal Therapy: aflibercept, faricimab, ranibizumab, dexamethasone pellet

PERSONAL EYES SYDNEY 2006 TO 2014

Vitreoretinal surgery, cataract surgery, complex intraocular lens surgery, medical retina, intravitreal therapy

STAFF SPECIALIST WESTMEAD HOSPITAL SYDNEY 2004 TO 2007

Vitreoretinal surgery, cataract surgery, research, teaching, admin

VITREORETINAL FELLOW THE WESTERN EYE HOSPITAL LONDON 2003 TO 2004

Vitreoretinal surgery, cataract surgery, research, teaching, admin

VITREORETINAL FELLOW WESTMEAD HOSPITAL SYDNEY 2001 TO 2002

Vitreoretinal surgery, cataract surgery, research, teaching, admin

OPHTHALMOLOGY REGISTRAR SYDNEY EYE HOSPITAL 1997 TO JANUARY 2001

Intensive training in clinical and surgical skills

PEER REVIEWED JOURNAL ARTICLES

Real world evidence: A retrospective study to analyse the efficacy of aflibercept in routine clinical practice in patients with either age-related macular degeneration or diabetic macular oedema. Valan Arasu V, Tsanaktsidis G. Under Review

Primary CNS Lymphoma Masquerading as Bilateral Vitreous Floaters. Tsanaktsidis G, McNeil O, Katelaris C. Internal Medicine Journal, July 2011

Morphological variations in Retinopathy of Prematurity in extremely low birth weight infants. Tsanaktsidis G, Schulenberg WES. British Journal of Ophthalmology, May 2004.

Postoperative Morgagnella Morganii endophthalmitis associated with subclinical urinary tract infection. Tsanaktsidis G, Maloof A. Journal of Cataract & Refractive Surgery, September 2003.

INTERNATIONAL PRESENTATIONS

POSTER FLORETINA FLORENCE JUNE 2019

Glued IOLs: Evaluation of visual outcomes and complications of combined 25 gauge vitrectomy and glued intrascleral foldable intraocular lens in cases of subluxated or dislocated IOLS with deficient capsule

POSTER EVRS PRAGUE SEPTEMBER 2018

Real World Evidence: A retrospective study analysing the efficacy of aflibercept in routine clinical practice with age related maculopathy and diabetic macular oedema

SPEAKER WORLD ROP MEETING VILNIUS 2006

Determining retinal thickness using OCT in children treated for ROP

PROFESSIONAL MEMBERSHIPS

Royal Australian and New Zealand College of Ophthalmologists

Australian and New Zealand Society of Retinal Specialists

Asia Pacific Vitreoretinal Society

European Society of Retinal Specialists

European Society of Cataract and Refractive surgeons

ADDITIONAL SKILLS

Accomplished problem solving and critical thinking abilities

Strong communication and collaborative skills

Avid learner with a strong desire to leverage experience to a developer role

HOBBIES & INTERESTS

Community volunteering: dog shelter

Personal interests: coding, running, weight training, nutrition, plants, particle physics