HENRY TRAN

FULL-STACK SOFTWARE DEVELOPER | OPTOMETRIST

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PROJECTS

BITESHARE – Group project
- A web app that connects users and allows them to share food
- Implemented a static message system

FAMILY MAPPER – Personal project
- An interactive app that allows a user to add family members and create a family tree
- Implemented a recursive data querying to dynamically display relationships between family members

TECHNICAL SKILLS

JAVASCRIPT/TYPESCRIPT

HTML/CSS, TAILWIND CSS

NODE.JS, EXPRESS.JS, RESTful APIs

SQL/SQLITE3, KNEX.JS

AUTH0, DOKKU DEPLOYMENT

UNIT TESTS, INTEGRATION TESTS, STORYBOOK

CAREER OBJECTIVE

With nine years of experience in optometry, I have gained key skills in problem solving, attention to detail and a strong focus on patient and user needs. My background in primary healthcare has also developed my ability to work collaboratively with diverse team members and connect with a range of people, from patients to colleagues. These soft skills, combined with my passion for helping others, have naturally translated well into my new career path in software development.

Having recently graduated from Dev Academy Aotearoa, I now have hands-on experience in coding, problem solving and creating user-centered solutions. Having encountered the transformative power of technology in healthcare, I am motivated to contribute to projects that solve real world problems and improve people's lives. I am excited to leverage my experience from the health sector and bring my skills to a dynamic tech environment, where I can collaborate on innovative software solutions that can make a meaningful impact.

EXPERIENCE

Full-Stack Developer Graduate
Dev Academy Aotearoa / *August 2024 – December 2024*
- An intensive 17-week, full-immersion web development course focused on replicating a real-world environment
- Hands on learning with frequent pair programming, group projects and Agile methodology.
- For my final project, I worked in a team of three where we created an app that connects users to allow the donating and sharing of food, with the goal of reducing hunger and wasted food
- Emphasis on development of soft skills:
  Active Listening, ASK feedback, Courageous Conversations, Non-Violent Communication

Optometrist
Eye Institute / *January 2021 – January 2024*
- Conducting assessments and management of patients undergoing cataract and refractive surgery
- Supporting ophthalmologists in diagnostic testing and therapeutic management of patients
- Skills:
  Attention to Detail, Teamwork, High Pressure Environment, Customer-Focused Service, Triaging, Effective Communication

Optometrist
Specsavers Sylvia Park / *June 2019 – January 2021*
- Clinical eye examinations in a corporate clinic, and training staff in patient triaging and urgent management

Optometrist
Optik Eyecare Pukekohe/ *May 2018 – May 2019*
- Clinical eye examinations in a private clinic, and specialist contact lens fitting

Optometrist
Specsavers Tea Tree Plaza / *February 2015 – February 2017*
- Clinical eye examinations of patients with a broad range of socio-economic and ethnic backgrounds

Laboratory Demonstrator
University of Auckland: Department of Optometry / *February 2014 – July 2014*
- Teaching assistant responsible for supervision of undergraduates at the School of Optometry

Screening Volunteer
Lions Clubs International: Special Olympics / *November – December* 2013
- Involved in week-long screening of over 1000 participants with intellectual disabilities

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EDUCATION

Dev Academy Aotearoa - NZ Certificate (Level 6) Computer Science in Applied Software Development,
August 2024 – December 2024
University of Auckland - Bachelor of Optometry, Honours & TPA endorsement**,**
February 2011 – November 2014
University of Auckland - Bachelor of Science Chemistry, First Class Honours,
February 2007 – November 2010

INTERESTS

In my spare time I enjoy reading, running and watching the cricket. I have recently started to develop a green thumb, and now possess more pots than I know what to do with.

PUBLICATIONS

Hadden, P.W., Vorobyev, M.V., Cassidy, S.B., Gokul, A., Simkin, S.K., Tran, H., McGhee, C.N.J., Zhang, J. Selected ocular dimensions of three penguin species. *Vision Research.* 2022, *201*, 108122.

Guo, C.X., Tran, H., Green, C.R., Danesh-Meyer, H.V., Acosta, M.L. Gap junction proteins in the light-damaged albino rat. *Molecular Vision.* **2014,** *20,* 670-682.

Tran, H., Dickson, B.J., Barker, D. Unexpected O-Alkylation and ester migration of phenolic 2,3-diaryl-2,3-dihydrobenzo[b]furans. *Tetrahedron Letters.* **2013**, *54,* 2093-2096.

REFERENCES

Available on request