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## SUMMARY

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- Experienced in React / HTML / CSS / JavaScript / Typescript / Node.js / Express / Java / Spring boot
- Aspiring programmer with a passion for coding and continuous learning
- Initiative, self-discipline, quick and keen learner
- Graduate of BSc in Biomedical Science at University of Waterloo, Canada

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## SKILL

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### Programming language and Frameworks

- Language – JavaScript, TypeScript, Java
- Frontend – React, HTML, CSS, Bootstrap, Material UI, JWT
- Backend – Node.js, Express, knex.js, Nginx, Spring boot
- Database – PostgreSQL
- DevOps – GitHub actions (CI/CD), AWS cloud services (EC2, S3, Route53), Docker

### MS office (Word, Excel, PowerPoint)

### Fluent in English, Cantonese, and Mandarin

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## CERTIFICATION

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- AWS Certified Cloud Practitioner (valid to May 2027)

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## CODING PROJECT – Group projects

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### EasyJob

- Online resume builder powered by AI
- Develop by Typescript and Node.js for backend, and React for frontend
- Allow user to create and optimise resume and cover letter with AI calling OpenAI API
- Additional Job search function with data scraped from Jobsdb using Playwright

### TubeInsight

- Online Platform for Youtuber to generate and share ideas
- Develop by Typescript, Node.js framework for Backend, and HTML, CSS, and JavaScript for frontend
- Video idea suggestion with OpenAI API, YouTube comment analysis with semantic analysis and online forum

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## EDUCATION

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### MicroMaster in A.I. & Programming (Nov 2023 – Mar 2024)

Tecky Academy – coding bootcamp

### Bachelor of Science, Honours Biomedical Sciences (Sep 2017 – Apr 2021)

University of Waterloo, Ontario, Canada

- Dean's Honours
- Medical Physiology Minor

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## WORK EXPERIENCE

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### Research assistant II, School of Public Health, HKU (Nov 2021 – Oct 2023)

- Dr. Hui-Ling Yen's Lab
- Assist on Covid-19 vaccination study on animal model and human
- Develop and optimise experiment protocols, collect and analyse experimental data
- Assist on housekeeping and ad hoc duties