

G04/6 Clarkson Court, Clayton
Scientist and Engineer
<https://github.com/bceh>

BINGQING (FRANCIS) CHENG
Front-end Developer

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SUMMARY

An enthusiastic, adaptive, and fast-learning individual with a broad and acute interest in the field of front-end development, particularly enjoying critical thinking and collaboration. I got a PhD degree in materials engineering skilled in the metal characterisation based on electron microscopy and corresponding post-data analysis. After several years of data analysis using Python, I found my true passion in programming, and I trained myself and turned into front-end developer.

SKILLS

JavaScript (ES6), HTML/CSS, React.js, Redux, Material UI, Bootstrap, React-spring, Apache ECharts, Lodash, Git, Python, Swift, AWS, Babel, Webpack

PROJECTS

Moneybank: a fully functionalised personal finance web app. (opensource in GitHub)

- Developed with React.js and Material UI framework that brings concise and user-friendly interface
- Followed 12-column grid that implements 100% responsiveness fit for any screen
- Integrated Redux that allows centralised data management in the front-end
- Utilised Apache ECharts that implements visualisation of user's financial data.

Utilized: React.js, Redux, Material UI, Apache ECharts, Git

Personal Website: *Bingqingcheng.com* (for additional information and projects)

- Developed with React.js, Material UI framework in a tight schedule.
- Developed an interactive memory puzzle game to help user remember me.
- Deployed using AWS

Utilized: React.js, Redux, Material UI, React Hooks, Git, AWS

AWARDS

2018-2021 Monash Graduate Scholarship
2018-2021 Faculty of Engineering International Postgraduate Research Scholarship

EDUCATIONS

Melbourne, AU	Monash University	Feb 2016 – Jun 2022
2018-2022	PhD of Materials Science and Engineering	
2016-2017	B.E. (First-Class Honours) of Materials Science and Engineering	
Changsha, CN	Central South University	Sep 2013 – Jul 2015
2013-2015	B.E. of Materials Science and Engineering	