



Le Kang

SOFTWARE ENGINEER

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I am an ambitious problem-solver with a passion for perusing logical and innovative solutions. I have more than 10 years of experience in software development spanning from web applications to robot systems in both industrial and academic fields. My academic research projects during my PhD degree focuses on artificial intelligence, social robotics, robot task planning, reasoning, and especially how these can be combined with web technologies. I enjoy the world of web development and always keep myself at the cutting edge of web technology.

PROGRAMMING SKILLS

PHP Python C#
Prolog JavaScript Haskell
TypeScript C++
Java

AWARDS / RECOGNITIONS

World champion team of **2019**
RoboCup@Home
Competition (Runner-up in
2017 and 2018)

AIMIA Award Finalist **2017**

Scholarship from **2017**
Australian Government
Research Training Program
for Doctoral study

Dean's Merit List Award **2017**

First Class Honours **2016**

Scholarship from **2016**
Stockland for exploring
social robot applications in
retail

* Please refer to
lekang.me/projects/ for details
of projects I have done.



EXPERIENCE

Mar 2021 - Present Software Engineer

Lendi Group

- Maintain, restructure and refactor the current front-end codebase
- Plan and deliver new features to enhance user experiences of internal team members and external customers
- Participate in and contribute to the task and tech-debt refinement sessions in a agile development routine.

Feb 2017 - Dec 2020 Ph.D. Candidate and Casual Academic

University of Technology Sydney

- Conduct lab research projects.
- Support lab colleagues by developing software to facilitate their researches.
- Provide teaching and learning activities in accordance with the subject requirements and perform skill assessments for students.

Aug 2016 - Dec 2016 Intern Social Robot Application Developer

Stockland Corporation Limited

- Participate in the design sessions with industrial partners to decide system scope and requirements.
- Design and develop system architecture, UI, database and API.
- Communicate with the academic mentor to ensure that research activities are proceeding or to address any concerns.

Jun 2013 - Oct 2015 Lead Front-End Developer

VisiCase Pty. Ltd. (previously know as FlowConnect Pty. Ltd.)

- Design and scaffold front-end architecture.
- Implement cross-device compliant responsive UI.
- Communicate with back-end developers for API design.
- Supervise team members and provide guidance on development.

Jan 2011 - Jun 2013 PHP Web Developer

VisiCase Pty. Ltd. (previously know as FlowConnect Pty. Ltd.)

- Perform maintenance and updates to existing client websites.
- Collaborate with business analysts to design technical solutions.
- Work on ad hoc tasks as requested by the project manager.



EDUCATION

2016 Bachelor of Science (Honours) in Information Technology

University of Technology Sydney

I was awarded first-class honours and presented on the Dean's merit list. My thesis title: **The Integration of Web Technologies and Robotics: from Robot Application Development to Social Ability.**

2009 - 2012 Bachelor of Science in Information Technology

University of Technology Sydney

My major was *Enterprise Systems Development* and I graduated with an average grade of distinction. I also gained a Diploma in Professional Practice from working as a full-time intern in my last year's study.