

# Yingyao (Emily) Lu

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## CAREER OBJECTIVE

Highly self-motivated software engineer offering services to outstanding companies to help build high-performance, user-centric applications. With solid technical, analytical, and problem-solving skills, strong footings in both tech and business, and experience in leading cross-functional teams throughout the project management cycle, I pride myself on a proven record of quality and timely delivery. Ultimately, I strive to be not just a developer, but a creator of awesomeness.

## TECHNOLOGY & TOOLS

C++, Java, Python, SQL

JavaScript, TypeScript, jQuery

HTML5, CSS3, Sass, less

Angular, React, Ionic, Bootstrap

Gulp, Webpack

Agile methodologies

AWS, Hadoop

RESTful API

Git, SVN, SourceTree

Figma, Axure, Photoshop, Tableau

## SKILLSET

Eager and quick learner

Goal-driven time management

Collaboration

Effective communication

## INDUSTRY PROJECTS

**03/2021 – Present**

**Cross-platform app design and development**

MindSpace - Language Technology for Social Good research group, Adelaide

- Key stacks: **NLP, Ionic, Angular, TypeScript, Sass, Figma, Photoshop, Agile**
- Build and lead a team to design and develop cross-platform application to enable emotional awareness of mental health issues during the pandemic.
- Utilise Natural Language Processing (NLP) techniques to analyse users' sentiment and emotions based on device keyboard activities throughout the day.
- Adopt Ionic and Angular to build a visual analytics dashboard that demonstrates analytics and visualisations of mental health-related posts and underlying emotions.

**08/2020 – 11/2020**

**Web application development**

Staff Management Utility - Maptek Pty Ltd, Adelaide

- Key stacks: **HTML, CSS, JavaScript, jQuery, Google API, Axure, Agile, GitHub, Slack**
- Managed SMU website development project from initial design through completion. Worked closely with clients to meet project requirements, goals, and desired functionality.
- Adopted Agile methodologies to organise sprint planning, retrospective and stand-up, manage user stories and backlogs, track tasks and timelines.
- Delivered 3 major feature modules to optimise the process of assessing and delivering staff administration work, including Visualised organisational chart, Searchable staff information list and Customise administration reports with criteria.

## EDUCATION

<b>2019 – Present</b>	<b>Master of Computing and Innovations</b> University of Adelaide Expected completion: June 2021	<b>GPA 6.7 / 7</b> SA, Australia
<b>2009 – 2012</b>	<b>Master of Business Administration</b> <b>Master of Science in Finance</b> University of Tampa Graduate Assistant Full Scholarship	<b>GPA 3.68 / 4</b> Florida, U.S.
<b>2005 – 2009</b>	<b>Bachelor of Science in Electrical Engineering</b> North China Electric Power University A Project 985, 211-designated leading university	<b>GPA 87.3 / 100</b> Beijing, China

## WORK EXPERIENCE

<b>2017 – 2019</b>	<b>Project Manager</b> V-Key Management Consulting Co, Ltd (Beijing, China) <ul style="list-style-type: none"><li>Planned, coordinated, and executed consulting projects with China's top financial institutions.</li><li>Mapped out growth objectives and strategies for medium-size organisations' leaders.</li><li>Established schedules, milestones, and assigned responsibilities across organisations.</li></ul>
<b>2013 - 2017</b>	<b>Business Analyst / Consultant</b> V-Key Management Consulting Co, Ltd (Beijing, China) <ul style="list-style-type: none"><li>Identified business opportunities by evaluating clients' business models, reviewing financial statements, tracking profits and losses, formulating strategies to gain competitive advantages.</li><li>Conducted market research, created detailed implementation plans, prepared project reports, and offered process improvement advice.</li></ul>
<b>2012 - 2013</b>	<b>Marketing Specialist</b> Quicksilver Recycling Services (Florida, United States) <ul style="list-style-type: none"><li>Conducted local market research and analysed the company's customer segments.</li><li>Helped develop marketing strategies to gain competitive advantage and revenue growth.</li><li>Assisted in web development, SEO and digital marketing to shift business online.</li></ul>

## VOLUNTEERING

<b>02/2020</b>	<b>Green Loop Bin Buddy</b> Australian Green Clean Assisted in recycling management services at festivals Helped ensure compostable materials are diverted from landfill
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## INTERESTS

<b>Travelling</b>	Extensive international travel and adventures in five continents Comfortable working across cultures
<b>Scuba diving</b>	PADI advanced open water diver and underwater photography