

Zhongyuan Zheng

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EDUCATION

California Polytechnic State University, San Luis Obispo(Cal Poly) Expected Graduation: **Dec 2021**
B.S. Degree in **Software Engineering** GPA: **3.5**

RELEVANT COURSEWORK

Computer Organization, Data Structure and Algorithms, OOP programming, Software Engineering, Database Systems, Programming Languages, Operating Systems, and Computer Networks

SKILLS SUMMARY

- Proficient in *Java, Python, C/C++, Javascript, and HTML/CSS*
- Experience using AWS, which includes working with CDK, S3, Cognito, and DynamoDB
- Familiar with both *relational and non-relational databases (MySQL, MongoDB, DynamoDB)*
- Skilled use of *Regex, Shell, Vim, SSH, Git, SVN, IntelliJ IDEA*
- Experience developing in *Linux/Unix* environment

SOFTWARE PROJECTS

SE Capstone Project - CSC 405/406 *Jan 2021 - Present*

- Building a Learning Management System with customers using serverless framework and GraphQL
- Provisioned infrastructure on AWS and set up CI/CD pipelines

Psychify - CSC 308/309 *Jan 2020 - Jun 2020*

- Designed and implemented a Node.js app with Express, JWT, and a database hosted on EC2 instance
- Succeeded in delivering highly completed project and creating a cohesive team

Library Management System - CSC 365 *Jan 2020 - Mar 2020*

- Developed REST-style API with Spring Boot and MySQL, and built front end with React.
- Achieved score in the 95 percentile during final project review.

Static Page Generating Tool - side project *Jun 2017 - Jun 2018*

- Built a tool to automatically publish Markdown notes to Github Pages utilizing *React and Webpack*.
- Reduced error-prone manual operations and boosted productivity.

WORK EXPERIENCE

Technical Consultant, Beijing *Aug 2013 - Jul 2014*

- Conducted custom research, developed productivity courses on translation (Chinese to English) tools, and hosted multiple training sessions with 100% customer satisfaction.
- Built systems featured in web crawling and document processing with *Python* and reduced task time from hours to minutes.