

Xian Kai Ng | Software Engineer

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Academic Qualifications

University of California Los Angeles

GPA: 3.9 / 4.0 • **Summa Cum Laude** • B.S. Computer Science • Dec 2019

Employment Experience

- **Appfolio Inc.** **Goleta, CA**
Software Engineering Intern *Jun–Sep 2019*
 - Parallelized core architecture for 50% speedup of tenant screenings, 2nd highest income driver
 - Reworked 12 year old core front-end (screenings report) for modern design and legal compliance
 - Optimize support panel which cut adjudication queue from 2 days to 20 minutes. 10x+ DynamoDB time reduction.Reference: Eric Hawkins
- **Procore Technologies** **Carpinteria, CA**
Software Engineering Intern *Jul–Sep 2018*
 - 4x Database time reduction at scale (65k+ items)
 - Boosted page loads by 20% across the board
 - 100K+ item, low latency search in npm @particles Select components
 - Full stack feature creation via customer support request
 - Database seeding; up to 50% faster CIReference: Ben Coffman
- **UCLA HSSEAS (UCLA Engineering)** **Los Angeles, CA**
Project Mentor *Jun–Aug 2017*
 - Guided through intensive engineering design, build, test challenges • 29 international students
 - Lead mentor for making upgraded PONG game • JavaScript & HTML/CSS

Selected Projects

- Ball bouncing simulator (Java) • Gravity balls & explosive balls too
- Navigator (C++) • A-star algorithm; LA map data
- Text reminder for calendar (AWS, MEAN) • Designed to help World Relief

More About

- Won UCLA's undergraduate writing award (3 of 12,000 win) • On the Ethics of Transhuman Relationships
- I do Wushu (武术) • USA Collegiate Wushu Champion

Languages, Tools, Buzzwords

Google • Bash • UNIX • C • C++ • Golang • Git • HTML • CSS • JavaScript • MongoDB • NodeJS • Java • PostgreSQL • ReactJS • Ruby on Rails • StackOverflow • AWS • Machine Learning • Blockchain • Mentorship

Revised: Aug 30, 2019