# 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 CI

Reference: 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