

Dennis Weng Han Ong

<https://github.com/dennisong45>

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EDUCATION

- **California State University East Bay** Hayward, CA
Bachelor of Science in Computer Science; CGPA: 3.61
August. 2019 – Dec. 2021
- **INTI International Univeristy and Colleges** Kuala Lumpur, Malaysia
Bachelor of Science in Computer Science; CGPA: 3.90
August. 2017 – May. 2019

EXPERIENCE

- **Bioforcetech** South San Francisco, CA
Full Time Software Engineer Internship (On-site)
May 2020 - Present
 - **Embedded Firmware:** Develop algorithms to increase speed of IoT Hardware by 30 percent by optimizing Server Code and Linux Operating System
 - **Front-end and Back-end:** Added numerous features such as alarm email notifications using Twilio, optimize black box recording data on SQL-lite, optimize front-end client performance by running Apache Bench, optimize JSON data storing, Reverse Tunnel Features connected to cloud
 - **Cloud:** Developed a Cloud platform that allows user to integrate multiple IoT into it. Hosting in AWS. Set up load-balancing, Laravel Object Oriented and RESTFUL API
- **Cal State East Bay** Hayward
Data Analyst
August 2019 - March 2020
 - **Data Filtering:** Data cleaning and analysis using Excel and SPSS and Qualtrics. Data collected with over 1000 surveyors.
 - **Data Analyst:** Working with Dr Eric Haas to create factorial analysis, linear regression and independent T test etc.
- **Simplezeus.com** Kuala Lumpur, Malaysia
Web Developer - Inactive
2016 - 2019
 - **Multiple websites:** Lead a team of three, comprising Graphic Designer and UI Designer that build website for clients using Shopify and WordPress CMS. Up to 9 clients EG: www.axg.com.my, www.sunlifemedic.com

PROJECTS

- **Discord Clone:** A clone of chat messaging application using React.JS and Firebase,
- **CNCNoodle:** Website for a noodle factory base in Oakland. www.cncnoodle.com
- **Power Log:** A published iOS React Native Application. Allow users to store exercise log everyday, allow them to sign in with Google or Apple Sign In, choose types of exercise and date to keep track. Link for iOS store and code on Github

PAST ACCOMPLISHMENT

- **Honors Student:** Graduating with 3.6 CGPA at Cal State East Bay
- **International Pioneer Scholarships:** Global Honors Scholarship at Cal State East Bay
- **National Programming Olympiad :** Malaysia Competitive Programming Competition Ranked 8/12 against Seniors

PROGRAMMING SKILLS

- **Languages:** C++, Python, Javascript ,Go ,PHP ,SQL, Java **Technologies:** AWS, Digital-Ocean, React, React Native,Linux,Git,Bash