William **Huang**

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Education

University of California, San Diego   *La Jolla, CA*
B.S. IN MATH/ COMPUTER SCIENCE   *Sep 2013 – Jun 2017*

Work Experience

Noodoe Inc.   *Taipei, Taiwan*
BACKEND DEVELOPER   *July 2019 - Current*
- Using **MongoDB** as a cache, cached weather data and helped save the company **$2250** per month
- Contributed to multiple large scaled backend projects (**JavaScript** and **Typescript**)
- Led the migration of database from **Firebase** to **MongoDB**
- Advocated the use of **GraphQL** throughout multiple projects and enforced **best practices**.
- Communicated frequently with iOS and Android developers to ensure **fast and efficient** API integrations
- Wrote **unit tests** to ensure backward compatibility as well as to account for edge-cases
- Took ownership of a **React** project and collaborated with the firmware team to create a simple testing system.
- Contributed to a project that used **MySQL** and **Kafka** that allowed users to unlock motorbikes with their phone.
- Created **documentation** and tutorials for clients to use for our **GraphQL** APIs
- Lead the company's transition from outsourced company website to self-maintained WordPress website.

Aloha Group   *Taipei, Taiwan*
FULL STACK DEVELOPER   *August 2018 – May 2019*
- Using Google's **Puppeteer.js**, migrated and independently created a Vue project that tracked and displayed client's website load time.
- Using **Vue.js**, refurbished the company's landing website to be more responsive.
- Created **RESTful** API endpoints using **Express**. Used various AWS services for deployment
- Designed and dockerized an application that allowed clients to easily upload their ad configurations to Google and Facebook.
- Assisted the CTO with his long running project Quanery. This included changing the look of the website, fixing bugs and designing new functionalities.
- Utilizing the **Vuetify** framework for Vue, recreated a Google-esque replica of Quanery.

Anselm Inc   *Taipei, Taiwan*
SOFTWARE ENGINEER   *July – Dec. 2016, Sep. 2017 - Jan. 2018*
- Using **Java** and **Agile** API, improved many accessibility functions for the Agile PLM Software
- Designed and implemented extensions which automated tedious tasks for existing clients, speeding up development cycles
- Using **SQL** and the **JavaMail**, developed an app which replaced the built-in Mail Notification in Agile PLM.
- Assisted GemFont Group, one of Taiwan's largest food corporation, upgrade their business system from AS/400 to PLM4P
- Stood out among other junior interns by taking time to understand and explore the Agile API

Skills

Front End: Javascript, Typescript, HTML5, CSS3, React.js+Redux, Vue.js+Vuex, Apollo Client, Bootstrap
Back End: Node.js, Express, GraphQL, Kafka, Java, Python (Django)
Dev Ops: AWS, GCP, Heroku, DigitalOcean, Docker, NginX, Jenkins, CircleCI, Github Actions
Tools: NPM, Yarn, Jest, Mocha + Chai, Visual Studio Code, PM2
Database: MongoDB, Firebase, MySQL, Redis, OracleDB
Project Management Git, GitHub, Confluence, Jira, Slack, Scrum

Projects

Calen-do   *Django, Vanilla HTML*
WEB APPLICATION THAT INTEGRATED GOOGLE CALENDAR WITH A TO-DO LIST   *http://www.calen-do.com/*

Abacra What   *GraphQL, TypeScript, Node, Vue*
SELF HOSTED GAME PROJECT   *https://game.williamhuang.dev/*