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# YING PAN

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Portfolio: <https://ap94sd24.gitlab.io/portfolio/> ♦ Github: <https://github.com/ap94sd24>

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## TECHNICAL SKILLS

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- Software Engineering Design/Principles (Proficient)
- Java (Advance)
- Database Design (Proficient)
- Web Development/Bootstrap (Proficient)
- Agile Development (Proficient)
- ReactJS/AngularJS (Familiar)
- Other languages: Scala/Haskell/Python/C/C++ (Proficient)
- Linux/Unix (Proficient)
- Version Control with Git (Advance)
- SQL/NodeJS (Proficient)
- Test Driven Development (Proficient)
- RESTful API/SOAP API (Familiar)

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## CORE QUALIFICATIONS

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- Practices Object-Oriented Programming
- HTML5/CSS/Vanilla JS (ES6)
- Product Management
- Strong Oral (Mandarin & English)/Written Communication Skills

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## EDUCATION

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**Bachelor of Science:** Computer Science, **Minor:** Business

**December, 2016**

**University of California, San Diego** - La Jolla, CA

### Relevant Technical Coursework

- Software Engineering, Advance Data Structures, Database Principles, Algorithm Principles, Algorithm Analysis, Operating System, Programming Language, Database System, Advance Software Engineering, Web Client Languages, Project Management, Usability & Information Architecture

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## WORK EXPERIENCE

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**Front-End Web Developer Intern**, 06/2015 to 09/2015

**Accton Technology** – Tainan, Taiwan

- Develop a web application that manipulates web aliases using Switch
- Redesigned the web architecture using AngularJS, although providing alternative use cases and improvements on the updated frameworks was emphasized
- Prototype was used on their SDN application

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## RELEVANT PROJECTS

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**Front-End Developer**

**07/2016 - 09/2016**

**Puppy Squad - Canine Meet-Up & Social Web App**

- Role as UX/UI designer; collaborated in a team of 7 on designing the web pages
- Web application facilitates social meet-up between dog owners, dog-enthusiasts and pet organizations using google map API to check nearby events; refer to portfolio for design process
- Application was done in HTML/CSS/JS

**Front-End Sub-Lead & Developer**

**01/2016 - 03/2016**

**Quart3.0 - Receptionist Check-In App**

- Managed a small team of 5 on front-end UI redesign and refactoring of an existing receptionist check-in web application
- Application allows users to check-in; Divided into 3 main views, (1) Application owners, (2) Business owners - see information on users checking-in, (3) Users' perspectives
- Application implemented on HTML/CSS/JS with NodeJS as RESTful backend and stored in MongoDB - hosted on Heroku using Git as version control
- Other Tools used: Webstorm, Teamcity, Slack

**Back-End Developer**

**01/2016 - 03/2016**

**Tritonlink - Custom Tritonlink Database**

- Worked with another teammate to design a 3-Tier web application database with visual webpages running on JSP in Apache Tomcat server using PostgreSQL as database
- Application allows users to enter valid information into database and retrieve information in database based on information store there
- Implementation: HTML/CSS/PostgreSQL/JSP - using Git as version control