Portfolio http://sundychend.github.io

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CHEN DI

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Block 610 #11-220

Singapore, 120610

EDUCATION AND QUALIFICATIONS

Singapore	National University of Singapore	2013 - 2017

- Bachelor of Computing with Honors (Computer Science) specializing in **Interactive Media**. GPA 4.14/5.0.
- Undergraduate Coursework: Computer Networking; Computer Architecture; Calculus for Computing; Discrete Mathematics; Software Engineering; Machine Learning; **Human Computer Interaction; Algorithm Analysis; Parallel Computing**.

U.S.	University of California, Berkeley	Summer School AY2015/2016

- Summer School, Electrical Engineering & Computer Sciences.
- Undergraduate Coursework: Computer Programs; **Operating Systems**.

EMPLOYMENT

Summer Analyst	Goldman Sachs	May - July 2016
Operations	Control Platforms	Singapore

- Client-on-boarding web service user requirement analysis.
- Client-on-boarding hi-fidelity UI prototyping & development.
- Client-on-boarding business process modeling & automated data processing with SQL.

Software Engineer Intern, QA	Autodesk	Jan - June 2015
Business Model Solution	License Platform Team	Singapore

- Enterprise software license usage website user requirement analysis & hi-fidelity UI prototyping.
- Enterprise software license usage website development.
- Helped the team test software framework for Linux (RedHat), Windows and OS X platforms.
- Followed Scrum developing process amongst the team.

Teaching Assistant	National University of Singapore	
CS3241	- Computer Graphics. (OpenGL, 3D Modeling, Ray Tracing).	
CP3108B	- Orbital Programme Student Advisor (Web Application Development).	

TECHNICAL PROJECTS

- **Reindeer, Online tutorial web app** (2016). Designed and prototyped in low-fidelity for multiple web pages, implemented server side file system, implemented font-end voice streaming. *JavaScript, Node.js, Vue.js, Sequelize.js, MVC, Webstorm.*
    - o https://github.com/nus-mtp/etutorial
- **NUS Ride, Renting scooters mobile app** (2016). Conducted multiple contextual inquiry based user studies. Completed 2 iterations of hi-fidelity UI prototyping. *Human Computer Interaction, Contextual Inquiry, Empirical Research*.

- **TEAMMATES, Online peer feedback web app** (2015). Worked on backend, solved multiple issues and enhanced components in Model and View. *Java, Java Servlet, JSP, Java, Google App Engine, MVC, Eclipse*.
    - o https://github.com/TEAMMATES/repo
- **MagiCAL, To-do List desktop app** (2014). Developed a parser for interpreting user commands, implemented typo detection and keyword detection. *Java, JUnit, MVC, Eclipse.*
    - o https://github.com/cs2103aug2014-w15-1j/main

HONORS AND AWARDS

- **Ministry of Singapore SM2 Scholarship** (2013-2017)   Full scholarship for international undergraduate students.
- **NUS 2016 STePS Second Price** (2016)   NUS School of Computing Term Project Showcase, top 20**%.**

ADDITIONAL EXPERIENCE

- **Goldman Sachs Community Teamwork** (2016).
- **Military Club, Director of Academic Activity** (2010-2011).

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Interaction Design; Web Development, Java Development; Java; Python; JavaScript; C; HTML; Adobe Photoshop;