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CHEN DI

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Block 610 #11-220
Singapore, 120610

EDUCATION AND QUALIFICATIONS

Singapore   **National University of Singapore**   **Aug 2013 - Jul 2017**
- Bachelor of Computing with Honors (Computer Science) specializing in Interactive Media and Algorithms.
- Undergraduate Coursework: Computer Networking; Computer Architecture; Calculus for Computing; Discrete Mathematics; Software Engineering; **Computer Graphics**; **Programming Languages**; **Algorithm Analysis**.

U.S.   **University of California, Berkeley**   **Jun 2015 - Aug 2015**
- Summer School, Electrical Engineering & Computer Sciences.
- Undergraduate Coursework: Computer Programs; **Operating Systems**.

HONORS AND AWARDS

- **MOE SM2 Scholarship** (2013-2017)   Full scholarship for international undergraduate students.
- **Autodesk Intern Certificate of Achievement** (2015)   Outstanding contributions to the licensing team.
- **Web Application Contest Vostok Achievement** (2014)   Completion of a GAE web application in a 3-month contest.
- **3D Modeling Contest Winner** (2014)   Obtained highest grade in OpenGL course 3D Modeling contest.

EMPLOYMENT

Software Test Engineer Intern   **Autodesk**   **Jan 2014 - June 2015**
Business Model Solution   Licensing Platform Team   Singapore
- Developed new enterprise software license usage website, built a new Front-End and Back-End.
- Help the team test license framework, perform MD5 file verifications for Linux (RedHat), Windows and OS X releases.
- Followed Scrum developing process amongst the team.

Teaching Assistant   **National University of Singapore**   **Aug 2015 - Current 2015**
CS3241 - Computer Graphics (OpenGL, 3D Modeling, Ray Tracing, Image Rendering).

TECHNICAL EXPERIENCE - PROJECTS

- **A Todo-List Application** (2014). A todo desktop application, assisting user with personal daily tasks and schedules. *MVC, Java, Junit, Eclipse, Natural Language Processing*.
  - https://github.com/cs2103aug2014-w15-1j/main
- **HTTP Proxy** (2015). A multi-thread HTTP proxy compatible with FireFox browser. Can perform basic forwarding and receiving of HTTP requests. *Java.*
  - https://github.com/sundychenD/HTTPProxy
- **Web Application Development** (2014). Developed a social website that assist people to share food receipts, integrate login authentication with Google Sign-In. *Python, Jinja2, JavaScript, Bootstrap, Google App Engine.*
  - https://github.com/sundychenD/foodi01
- **File Transfer Application** (2015). A reliable file transfer application built on User Datagram Protocol (UDP), compose a File-Receiver and a File-Sender. *Java.*
  - https://github.com/sundychenD/ReliableUDP
- **My Personal Website** (2015). https://sundychend.github.io

ADDITIONAL EXPERIENCE

- **XinDele (Schindler) Charity Volunteer** (2014).
- **Military and Politics Club, Vice President** (2010-2011).
  A military knowledge club, give open talk on a constant basis to people who share interests in military knowledge.

LANGUAGES AND TECHNOLOGIES

- Java; Python; C; C#; Ocaml; Scala; HTML; CSS; PHP; MySQL; JavaScript; node.js.
- IntelliJ IDEA; Eclipse; Visual Studio; Vim.