Zhi Li

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EDUCATION	**Stevens Institute of Technology**, Hoboken, New Jersey Master of Science in Software Engineering ⠀⠀⠀ Expected May 2018 ⠀⠀⠀ GPA: 3.9 **Guangdong University of Finance & Economics**, Guangzhou, China Bachelor of Engineering in Software Engineering ⠀⠀⠀ June 2016
SKILLS	**Languages:** Java (Skilled), Python(Skilled), C# (Skilled), C, Swift, R **Framework:** SSH, Django, Flask, WPF **Tools:** Eclipse, Pycharm, Visual Studio, MySQL, Sqlite
EXPERIENCE	**Stevens Institute of Technology** ⠀⠀⠀ Hoboken, NJ ⠀⠀⠀ Jun-Jul 2017 Software engineering Teaching Assistant for the 2017 Stevens Pre-College Program ▪ Introduced the basic concept of software engineering to pre-college students. ▪ Made an introduction of producing an Uber APP through the software development process (Requirement, User Interface Design, Coding, Testing, Maintaining). ▪ Helped solving students' problems and questions. **PCI-SUNTEK TECHNOLOGY CO., LTD.** , Guangzhou, China ⠀⠀⠀ Jun-Dec 2015 Intern in the Research & Development Department ▪ Developed Platform Screen Door System using WPF and MVVM pattern. ▪ Designed XAML component styles (signal lights, doors, user menu, user management interface) and animations (doors opening, closing, alert) ▪ Implemented data binding to update the front-end and back-end data synchronously with WPF. ▪ Decrypted received signals and showed them on interface using the designed signal lights and doors.
PROJECTS	**Jersey-Info Forum (** http://www.jersey-info.com/ **)** ⠀⠀⠀ Jan 2017-present ▪ Created a social forum for students to rent apts/houses, sell/buy second-hand goods and cars, ask/answer questions (course/life). Developed the forum with Django (MTV pattern), designed Models and Views Classes to process data in the back-end and use MySQL database. ▪ Implemented functionalities: posts publishing, reply and search, email authentication ▪ Established a friendly-UI with jQuery and Bootstrap. Use Django page inheritance to simplify the template codes. ▪ Used JSON for data transmitting through front-end and back-end. ▪ Applied Nginx server for redirecting requests and loading static files efficiently. **DIXIT Game (LAN real-time board game)**, Senior design project ⠀⠀⠀ Jan-Apr 2016 ▪ Established the LAN server and used Socket to implement the real-time chat room and game room (as a judge). ▪ Applied WPF to develop back-end of game client. Displayed the chat message and game status, sent request to server and received response from it. ▪ Designed the client XAML component styles (chat room, game room, cards, icons) and animations (choosing cards, using cards, new message alert). **Restaurant reviews analysis**, Course design project ⠀⠀⠀ Sep-Dec 2017 ▪ Developed a web crawler with Python to collect 30000 restaurants reviews from Yelp. ▪ Exported the result out to TXT files or CSV files with words and the appearance frequency from the website developed by Flask. ▪ Applied nltk package to analyze the collected data and extracted the attributes from the reviews. **Pokémon Game Back-end management system**, Course design project ⠀⠀⠀ Sep-Oct 2015 ▪ Developed Pokémon and user managing system with JavaEE and SSH framework. ▪ Established the management interface with JSP and Ajax. ▪ Designed the user interface with different CSS component.
AWARDS	▪ Outstanding Graduate Award of GDUFE (Top 10 of the department) ⠀⠀⠀ Jun 2016 ▪ Excellent Graduation Project Award (Top 3 of the department) ⠀⠀⠀ Jun 2016 ▪ China National Scholarship (Top of the department) ⠀⠀⠀ Oct 2015 ▪ Merit Student of GDUFE (Top 3 of the department) ⠀⠀⠀ Oct 2015 ▪ Honorable Mention of the 5th Lanqiao Programming Competition(C/C++) ⠀⠀⠀ Mar 2014