

Ying Liao

SOFTWARE ENGINEER

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Objective

Entry-level Software Engineer position

Skills

Programming JAVA, JavaScript ES6, Python, R, SQL, LaTeX
Web & Framework HTML5/CSS3/JQuery, React, Node.js, Express, RESTful API, LESS
Software & Tools IntelliJ, Eclipse, SQL Server, Microsoft Visio, Git, Android Studio, Nuclide, UNIX/Linux

Education

Northeastern University

M.S. IN INFORMATION SYSTEM, GPA: 3.89/4.0

- Course Highlights: Algorithm, Web tool, Smartphone, Database design, Object-oriented design

Seattle, US

Sep. 2016 - May 2018

Shanghai University of Finance and Economics

M.M. IN FINANCIAL MANAGEMENT, GPA: 3.68/4.0, 95 PERCENTILE, HONOR GRADUATE

Shanghai, CN

Sep. 2012 - Jun. 2014

Work Experience

Facebook (Software Engineer Intern in Messenger)

BADGE NEW AR EFFECTS IN VIDEO CALL EXPERIENCE

- Independently designed and implemented badge notification for new AR mask features in video call
- Refactored class layout to more expandable UI layout & added timeout in badge logic
- Increased key metrics (duration & engagement) by 7% in public A/B test by enabling badging feature

ENHANCE INTERACTIVE EXPERIENCE

- Collaborated with cross-functional team to define, design & implement API to trigger new feature
- Implemented the first version of interactive video feature for the team
- Built shareable UI elements (Fragments, Custom View Components) for different packages

Seattle, US

Jun. 2017 - Sep. 2017

Northeastern University (Teaching Assistant)

APPLICATION ENGINEER & DEV USING JAVA

- Gave assignments and assigned grades to students' assignments ensuring that the grade was fair and consistent
- Analyzed common mistakes made by students and provided feedback about students' assignments and projects to professor
- Mentored students and facilitated a dynamic and collaborative classroom community

Seattle, US

Sep. 2017 - Dec. 2017

Projects

Real-time questionnaire website (Web full stack)

- Developed a single-page application which allows users to collect survey results in real time
- Built responsive web, implemented for both mobile and web viewing cases utilizing HTML5 and CSS
- Used React, JavaScript for front-end components interaction and Express, Node.js for server side
- Deployed backend system on cloud infrastructure Heroku
- Implemented a set of Restful API to allow front-end components to write/read data with server

Sep. 2017 - Dec. 2017

Event Posting & Booking Android App (Java)

- Designed and built android app to post and reserve the events
- Set up accounts login using Google firebase
- Developed data management part, event list panel, user and event info item class

Jan. 2017 - Apr. 2017

Ticket SQL database for Microsoft exchange support group (SQL Server)

- Discussed with sponsors about the requirements and designed Entity Relationship Models based on that
- Designed databases to analysis tickets' source and to generate reports to measure team performance
- Implemented the database using SQL server by creating tables, stored procedures and functions

Oct. 2016 - Nov. 2016

Vehicle Dealer Management System (Java, Swing)

- Worked with other teams (25 people) to design the functionality and to implement UI using Swing
- Designed and Implemented a sort panel that in-time updates product order according to user inputs
- Tested the APIs (sort/search/reading file/writing file) and managed to finish milestones timely

Oct. 2016 - Dec. 2016