

Hongquan (Alex) Xiao

San Francisco Bay Area

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Objective

Frontend Developer, Full Stack Developer, Backend Developer, IOS Developer

Summary of Skills

- Programming Languages & Framework: Java, JavaScript, HTML5, CSS, SQL, Python, TypeScript, PHP, Swift, Objective C, AngularJS, Angular 4+, Vue, ReactJS, NodeJS, Couchbase, XMPP
- Cloud computing: Hadoop, Spark, AWS, Firebase
- College level record of academic excellence and extracurricular success, with leadership experience
- Work experience with faculty, administrators, and students across multiple departments of college

Projects

Face Detection Application, SJSU, Sep 2017 – Dec 2017 [[Github](#)]

- Build a web-based application that asks the user for a video that contains faces, and returns a video with all faces detected as well as points for eyes
- Frontend is implemented with Angular 4, and contains user authentication with Firebase authentication; backend is implemented with Firebase Functions and interacts with libraries including FFMPEG, OpenFace, OpenCV, and Eyelike
- Database is designed with Firebase real-time database (frontend) and postgres database (backend)

Pokemon Game, SJSU, Jan 2017 – May 2017 [[Github](#)]

- Implemented 2D pokemon-like RPG game in Java Using OpenGL library

Maze Project, SJSU, Aug 2015 – Dec 2015 [[Github](#)]

- Implemented a maze project with Java that generates a maze with BFS and DFS as well as the shortest solution of the maze

Work Experience

Summer Internship, Guidance Education Technologies, Concord, CA, June 2015 – July 2015

- Explored the knowledge and practiced web based programming, including JavaScript, HTML5, and CSS
- Designed a smartphone app by using web based programming

Software Developer, Pixured, Inc., Fremont, CA, July 2017 – June 2018

- Responsible for building web-based tools with knowledge of Angular 4 and Vue, and applications to improve products and do more for customers and clients
- Responsible for building mobile-based app on IOS with knowledge of Objective C and Swift
- Responsible for building and maintaining chat system on web-based tools and mobile-based app on IOS with knowledge of XMPP service
- Develop new UI functionality to fix infinite scroller issue and improve data loading speed
- Design and develop image modification on web application including filter, crop, rotation, drawing
- Design and develop NoSQL database on IOS using Couchbase and improve data fetching/loading speed by 10%

Software Engineer, Ellie Mae, Inc., Pleasanton, CA, July 2018 – present

- Responsible for building and maintaining JavaScript library (Security Scripting Framework)
- Responsible for building web-based tools with knowledge of ReactJS and Angular
- Involved in sprint planning and grooming, as well as frontend architecture design

Education

B.S in Computer Science, San Jose State University, San Jose, CA

Sep 2015 - Dec 2017, GPA: 3.6 / 4.0

A.S. in Computer Science, Ohlone College, Fremont, CA

Jan 2013 - May 2015, GPA: 3.7 / 4.0

Language

Bilingual in English, and Chinese