

Hongquan (Alex) Xiao

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Objective

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

Summary of Skills

- Programming Languages & Framework: C, C++, Java, JavaScript, HTML5, CSS, Ruby, SQL, Python, TypeScript, PHP, AngularJS, Angular 4, Vue, NodeJS, Swift, Objective C, XMPP
- Software tools & Libraries: Microsoft Visual Studio, Eclipse, Android Studio, Adobe Photoshop, Latex, OpenGL, Hadoop, Spark, OpenFace, OpenCV, FFMPEG, AWS, Firebase, Google Cloud, Xcode
- 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

- 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

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

Maze Project, SJSU, Aug 2015 – Dec 2015

- 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

Summer Internship, GooCoin, Milpitas, CA, August 2016 – September 2016

- Explored the knowledge of Bitcoin and Blockchain
- Help to maintain the website
- Help to maintain a smartphone app by using the concept from BitCoin and Blockchain

Software Developer, Pixured, Inc., Fremont, CA, July 2017 – Present

- 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 sharing the direction of products and services by considering the architecture, performance testing, design, and implementation
- 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

Education

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

Expected Graduation Fall 2017, GPA: 3.7 / 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