

Han Hong

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Objective

- Seeking software development challenges where teamwork, innovative thinking and advance technical knowledges are promoted and valued.

Education

TEXAS A&M UNIVERSITY | B.S COMPUTER SCIENCE | 15 DECEMBER 2018

- Minor: Geography

Relevant Work Experience

LEAD SOFTWARE ENGINEER | ALBA TECHNOLOGIES LLC | 02/2018 - 01/2019

- Collaborated with classmates to oversee the formation of Alba Technologies LLC.
- Engineered a compression sleeve with embedded sensor to be used in golf swings pattern recognition.
- Led a software team in development of an in-house cross platform mobile application via React Native.
- Integrated the developed hardware with mobile and desktop application for end user tests.
- Coordinated sprint planning, retrospective, backlog in accordance to Agile methodology via Jira.
- Filed 3 US Provisional Patents relating to Machine Learning Based Physical Monitoring and Feedback.

BRIDGE ENGINEER | US ARMY CORPS OF ENGINEER | 04/2015 - PRESENT

- Performed installation of kedge anchorage systems, wire obstacle material, overhead anchorage systems and demolition firing systems.
- Assembled and maintained military fixed and float bridges.

COMPUTER SALES CONSULTANT | BEST BUY INC | 06/2016 - 04/2017

- Engaged customers using selling skills to provide technological solutions where they feel supported.
- Maintained the latest knowledge on product trends and its current market.

Skills & Abilities

TOOLS USED

- Visual Studio, Android Studio, Node JS, MongoDB, Oracle, Eclipse, Xcode, Git.

PROGRAMMING LANGUAGES

- Java: 4 years | C/C++: 3 years | Python: 2 years.
- React Native, JavaScript, Bootstrap, CSS: 1 year.
- .NET, Salesforce, SharePoint, Angular JS: familiar.

METHODOLOGY

- Agile/Scrum Development – Product owner.

Personal Profitable Projects

IOT SENIOR WEAR OS APPLICATION

- Developed a fall detection wearable device that alert medical staffs when senior users are in an emergency, utilizing TicWatch and Android API.

MULTIPLE IDENTICAL SENSORS CHAINING

- Achieved sequential sensor reading when connect identical sensors via both I2C and SPI protocol while still enable custom calibration for each sensor.
- Partially removed the need for a multiplexer.