

Ran Kong (Brian)

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Software Engineer

Education

Holberton School

Specialization: Low-Level and Algorithm

Graduation on 06/2022

University of Oklahoma

Graduated with Bachelor of Science in Architectural Engineering, December 2013

Cumulative GPA: 3.5/4.0

Professional Experience

Holberton School

Tulsa, OK

Student

January 2021 – Present

- Study low- and high-level programming languages, web development and algorithms. Project based, solo and teamwork, and peer learning. Major operating system Linux. Specialization in Low-level and Algorithms.
- Public speech for training soft skills, coding project presentations, and knowledge sharing.
- Writing blog posts / articles on LinkedIn for knowledge summarization and learning experiences.

Borets

Tulsa, OK

HPS Application Specialist Trainee

October 2018 – April 2020

- Processing all HPS inquiries and quotes from salesmen and customers, and facilitating HPS orders to Engineering & Operations.
- Collaborate with the Engineering and Operations team to design “best fit” HPS systems.
- Team with engineering and manufacturers on high specification inquiries and auxiliary equipment quotes and order processing.
- Trained for centrifugal pump fundamentals, and edit the training materials and technical reports for business expansion abroad.

Black Gold Group

Tulsa, OK

Engineer Consultant/Chinese-English Interpreter

November 2016 – April 2018

- Design 2D engineering drawings for furnishings by using Adobe PDF Editor and AutoCAD.
- Making building plan PDFs and furnishing list Excel spreadsheets.
- Develop a card access system compatible with apartment projects.
- Construction administration for hardware supply and damage control.
- Interpret between English and Chinese in business meetings with Chinese vendors and investors, translate user guides, structural instructions, and emails.

Luxfer-GTM Technologies, LLC

Tulsa, OK

AutoCAD Drafter/Designer

March 2014 – February 2016

- Design 3D model and 2D engineering drawing of gas cylinder unit and transportation via Geomagic Design.
- Project management based on DOT and ASME standard for gas cylinder unit and transportation, involving item purchasing, cost evaluation spreadsheets, and project assembly procedure.
- Report stock inventory count spreadsheet for monthly inventory count.

Skills

Programming Languages/Skills

- | | | |
|----------|------------------|-------------------------|
| ▪ C/C++ | ▪ Linux/Unix | ▪ CPython |
| ▪ Python | ▪ Bash Scripting | ▪ x86 Assembly Language |

- Algorithms
- Low- and High-Level Programming

Software

- Visual Studio Code
- Visual Studio 2019
- QT Creator
- AutoCAD Civil 3D

- MySQL
- HTML/CSS/JavaScript
- Flask/SQLAlchemy

- Geomagic Design
- Google SketchUp 3D
- Adobe Graphic Design
- MS Word

- Test Driven Development
- Multithreading

- Adobe Acrobat PDF Editor
- MS Excel

Languages

- Fluent in English and Chinese