Ran Kong (Brian)

10418 E. 113th Pl. S. · Bixby, Oklahoma 74008 · (918) 908-0382 · rkbriankong@gmail.com · Github

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

- Algorithms
- Low- and High-Level Programming
- MySQL
- HTML/CSS/JavaScript
- Flask/SQLAlchemy
- Test Driven Development
- Multithreading

Software
- Visual Studio Code
- Visual Studio 2019
- QT Creator
- AutoCAD Civil 3D
- Geomagic Design
- Google SketchUp 3D
- Adobe Graphic Design
- MS Word
- Adobe Acrobat PDF Editor
- MS Excel

Languages
- Fluent in English and Chinese

Project Links

- Hackathon Project: https://github.com/rkbrian/Hackathon_Holberton
- Sine Waves: https://github.com/rkbrian/Cpp_Hack_wave
- Project Euler 100: https://github.com/rkbrian/project_euler_100