Bingjian Du

1B Electrical Engineering

CONTACT

✉ b23du@edu.uwaterloo.ca
🌐 grantdu.com
📞 2269789086
📍 255 Sunview St, N2L 3V8
in bingjian-du-035058158
⌨ Chaojidajian

SKILLS

PROGRAMMING LANGUAGES: C++, Java, mySQL, HTML, CSS, JavaScript
IDES: Xcode, Eclipse
OPERATING SYSTEMS: Windows, macOS, Linux
TOOLS: Git, Excel

SUMMARY

● Highly self-motivated and confident in solving tough problems.

● Good at teamwork and wish to learn from others.

● Excellent time management shown through balancing hobbies and academic studies.

● Strong communication skills.

EDUCATION

University of Waterloo   Fall 2018 to Current
Candidate for Bachelor of Applied Science: Electrical Engineering 2023
Relevant Courses: Programming Fundamentals (C++); Digital Circuits (VHDL).

EMPLOYMENT

Network Security Engineer   Zhengzhou, China
Zhong Dinglitian Technology Co., Ltd.   Jan. 2019 to Apr. 2019
● Built LAN with Cisco and H3C devices.
● Analyzed and solved network issues.
● Installed VMware on servers and checked the server's log for routine maintainance.
● Learned Cisco Certified Network Associate courses and understood internet protocols.

Mobile Developer   Zhengzhou, China
Shangu Cyber Security Technology Co., Ltd.   July 2018 to Aug. 2018
● Used Ionic modules (JS) to develop a cross-platform staff management application.
● Designed the User Interface based on the client's demands.

VOLUNTEERING

Research Assistant · Faculty of Engineering   May 2019 to Current
● Testing the pull-in voltages of a gas sensor under various conditions.
● Designing a printed circuit board to integrate the sensor.
● Operating on electric lab equipment (function generator and laser-doppler vibrometer).
● Programming a micro-plotter in C++.

PROJECTS

C++ Primer   Mar. 2019 to Current
● Self-studying the book and posting exercises' answers on github in my spare time.

LEGO Challenge   Jan. 2018 to Apr. 2018
● Designed and built Lego robots as a team.
● Wrote algorithms to instruct robots to finish specific tasks.
● Analyzed the unexpected issues and found the solution.

Arduino Programmer   Nov. 2017 to Nov. 2017
● Learned basic Arduino Programming and designed a program to launch a pitching machine in the Physics Lab.

Assembled a Desktop
●As a fan of computer hardware, picked out PC components and assembled a desktop depending on my need.
● 10 years' experience in solving PC problems.

Pac-man Game
● Applied object-oriented programming concept and developed the famous game.

grantdu.com
● My personal website showing recent course materials.