

Brahim Boutal

Dalian Polytechnic University • Dalian, China

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👛 <https://ibrahimboutal.github.io/MyPortfolio/> | Updated: January 5, 2025

Objective

Driven Computer Science student with a strong foundation in programming and research, seeking opportunities to contribute to innovative solutions and technical development while collaborating with diverse teams.

Education

- **Dalian Polytechnic University**, Dalian, China
Bachelor of Computer Science and Information Technology (GPA: 3.3)
Expected Graduation: July 2025
Relevant Coursework: Data Structures & Algorithms,
C Programming, Web Development, Database Management,
Software Engineering, Mobile Development

Skills

- **Programming Languages:** Java, Python, C
- **Web Development:** HTML, CSS, Spring Boot, Flask, JavaScript
- **Database Management:** SQL, SQLAlchemy, SQLite, MySQL
- **Development Practices:** Agile methodologies, Git version control
- **Graphic Design:** Adobe Illustrator, Adobe Photoshop
- **Research & Analytical Skills:** Problem-solving, data analysis, critical thinking
- **Office Productivity:** Microsoft Word, Excel, PowerPoint

Work Experience

- **Self-Employed**, Online Shop (redbubble)
Graphic Designer Jul. 2021 – Present
 - Increased sales by 25% by developing marketing materials and managing online product listings in the print-on-demand product line.
 - Gained experience in independent problem-solving and working under strict deadlines.

Projects

- **Online Shopping Website** (HTML, CSS, JavaScript)
Developed a fully functional e-commerce platform with features like user authentication and a product catalog.
- **Lightweight Encryption Library** (Python)
Designed a Python-based library implementing AES and ChaCha20 algorithms, simplifying secure data handling.
- **IoT Device Monitoring Flask App** (Flask, SQLAlchemy, HTML/CSS)
Created a real-time monitoring app for IoT devices, with status tracking and anomaly alerts.
- **Library Management Web App** (Spring Boot, Java)
Built a web app for managing library inventories, user registrations, and borrowing processes, with enhanced search and authentication features.

Languages

- English: Fluent
- Mandarin: Conversational
- Arabic: Native
- German: Intermediate