Benjamin Houghton
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Professional Summary

Aspiring software engineer with a strong academic foundation (BSc Computer Science, 2026) and 10+ years of self-directed programming experience. Proficient in multiple programming languages and familiar with industry-standard development tools and methodologies. Adept at problem-solving, project management, and quick learning of new technologies.

Education

University of Dundee
BSc Computer Science (2022–2026)

- Key Modules: Algorithms & Artificial Intelligence, Information Security, Networks, Database Systems, Multi-Paradigm Programming, Data Structures, Computer Systems, Object-Oriented Analysis & Design, Mathematics, Physical Computing, and Web Authoring.

Lanark Grammar High School (2016–2022)

- Advanced Highers: Mathematics, Physics, Computing Science
- Highers: Computing Science, Mathematics, Physics, German, English

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Technical Skills

- **Programming Languages:**
  - **Proficient:** C, C++, Java, C#
  - **Experience With:** Python, Golang, Rust, JavaScript, Typescript, React, HTML/CSS, PHP, SQL, Visual Basic, Bash, Lua
- **Development Tools & Technologies:**
  Git, MySQL, AWS, Visual Studio 2022, Visual Studio Code, Neovim, CMake, Makefiles, Cisco Packet Tracer
- **Operating Systems:**
  Windows, Linux

Additional Skills & Interests

- **Problem-Solving & Project Management:**
  Strong analytical skills, effective in both independent and collaborative environments. Proven leadership in team settings—focused, assertive, and a good listener.
- **Languages & Certifications:**
  Self-taught Conversational German, Taekwondo Black Belt
- **Interests:**
  Software development challenges, competitive games, and golf