WILLIAM H. GATES

Systems Analyst, Systems Programmer, Entrepreneur

📞 (617)498-3909　　📍 Harvard University, Cambridge, MA

SUMMARY

I am a system programmer with multiple successful projects using a variety of technologies and machine languages. I deeply believe computers will change businesses and even have a profound effect on our daily life in the coming years.

EDUCATION

Mathematics & Computer Science

Harvard University

📅 1971 - Ongoing　　📍 Cambridge, MA

- Courses taken on Operating Systems Structure, Database Management, Compiler Construction and Computer Graphics.
- On leave. Fully committed to working on meaningful real-world projects.

PROJECTS & EXPERIENCE

Systems Programmer

TRW Systems Group

📅 01/1973 - 09/1973　　📍 Vancouver, WA

- Set up a real-time system for power control around two PDP-10s and three PDP-11's.
- Involved in file design and modifications to operating system, system library and utilities (flowcharting, coding, debugging, and documentation).

Business Partnership with Paul Allen

Traff-O-Data

📅 02/1972 - Ongoing　　📍 Seattle, WA

- Designed and put together a computer program for traffic engineers to study traffic flow.
- Built with Intel's MCS-8008 microcomputer, and fully tested the software and hardware with a prototype.
- Demonstrations to customers are planned for May 1974.

Project Co-Leader & Co-Partner

Lakeside High School

📅 06/1971 - 09/1972　　📍 Seattle, WA

- Set up a general purpose program to do scheduling for private high schools.
- Software was written mainly in FORTRAN on CDC 6400, PDP-10 and PDP-11.
- Total profits from this venture exceeded $11,000.

Project Leader

Information Sciences Inc.

📅 01/1971 - 12/1971　　📍 Portland, OR

- Part of the team designing and implementing an extensive payroll package in COBOL.
- In charge of overall design for the last six months.

ACHIEVEMENTS

Created the first software for the Altair 8800 microcomputer

Adapted the computer language BASIC to run on the microcomputer and secured a contract with the producer.
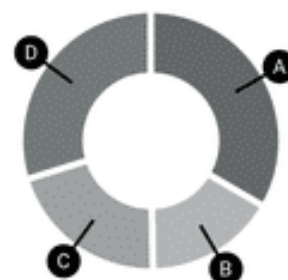
Top 0.1% on the SAT

Scored 1590 on the Standardized Aptitude Test and enrolled at Harvard College in the autumn of 1973

SKILLS

PDP-8　PDP-10　PDP-11

CDC 6400　Burroghs 5500　Nova 1200

MCS-8008　FORTRAN　COBOL

BASIC　ALGOL　LISP　JOSS

Traffic flow analysis　School scheduling

Payroll

MY TIME

- **A** Creating programs for people to enjoy and solve real problems.
- **B** Discussing Isaac Asimov's original Foundation trilogy with Paul Allen.
- **C** Reading Edgar Rice Burroughs and Robert Heinlein, inspiring myself to push the limits of possibility.
- **D** Surrounding myself with people who challenge me to be my best self.