BRETT CURTIS

Software Developer

DETAILS

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LINKS

GitHub   https://github.com/ibrettyoudid

LinkedIn   https://www.linkedin.com/in/brett-curtis-0a4340216

CAREER PROFILE

A motivated, versatile and hardworking programmer who has extensive experience and a passion for programming since age 10. I have made many programs in Haskell, C++, Python professionally and for curiosity. A humourous and friendly spark in my personality with good communication skills allows me to mix with diverse people and work well both individually and in a team

EMPLOYMENT HISTORY

Software Engineer   Steria LLC   Hemel Hempstead

July 2002 — July 2003

- Data Entry
- Excel

Software Engineer   Post Office Ltd   Hemel Hempstead

Jan 1996 — Jan 2001

- AS/400, including query language
- SQL
- Access 95
- Excel

- Worked as part of a team of four each with knowledge of different systems, making communication challenging
- Designing, coding, maintaining and documenting Access databases (using Access Basic in no small amounts)
- Designing Access crosstab/group by queries using the query designer and SQL; writing code that creates SQL queries flexibly from specifications input by the user
- Manipulating Access databases of around 1GB (which was the maximum size back then!) Compressing data, archiving old data, tracking down and removing incorrect data, summarising into graphs, searching for patterns in data
- Creating and maintaining queries on an AS/400
- Writing code to transfer data between an AS/400 and Access using SQL, Client Access, and ODBC
- Creating Excel spreadsheets with macros, pivot tables and graphs to specifications from other departments
- Supporting and troubleshooting on MS Word, Windows 95 and NT 4.0
- Learnt all these systems/languages from scratch in my time there
- One system I created is a stock control and order processing system for the Bureau de Change section. It records how much we hold in about 30 different currencies, with several denominations for each currency. When an order is keyed the denomination breakdown is calculated, stored in the order and subtracted from the stock. Bulk transfers to/from suppliers are also added and subtracted. Opening and closing balances are recorded, and the system can summarise all the transfers and orders during a day, and recalculate the closing balance from this as a double check. It also handles traveller's cheques and tracks the serial numbers on these all through the system, from arriving from the supplier to going out to a customer

EDUCATION

Computer Science BSc   University of York

Oct 1993 — May 1996

Oct 2001 — May 2002

Ada, Haskell, Scheme
Natural language processing
AI for games
Construction of compilers
Computer vision (including DSP)
Partial evaluation
C (self-taught)
AIX (self-taught)
IRIX (self-taught)

A-levels   Cavendish School

Sept 1986 — Jun 1993

Further Maths	A
Maths	A
Physics	A
Chemistry	C
Maths special paper	Distinction
Physics special paper	Distinction

SKILLS

I understand very well the principles of designing, coding, debugging, documenting, commenting and maintaining systems

INTERESTS

Computers, music (listening and playing guitar and keyboard), science, philosophy

REFERENCES

Available on request