

# It's a Bat mobile – Nokia's handset fit for a superhero

THIS phone would be a proud addition to Batman's utility belt.

With all manner of built-in gadgets, it is a far cry from the red handset that used to sit on Commissioner Gordon's desk.

Batman's waterproof Nokia Lumia can detect poison, warn against potential obstacles that threaten to stand in your way, disguise your voice and be controlled remotely.

It may sound like the perfect device for the Caped Crusader

by **ETAN SMALLMAN**

but the technology is not confined to fiction – experts are trying to make it part of your smartphone.

Any user can already download apps to distort their voice during calls but Nokia is working to put the ante.

It hopes to create what would effectively be an artificial nose by using a microchip to sniff out substances, such as polluted air.

As well as 3D radar, the mobile giant's research arm in Cambridge is also testing an electronic skin made from pliable 'bio-electronics' that can access a phone using sensors placed on your body.

Rival Apple last year launched its Siri service, allowing iPhone users to tell their device what to do by speaking to it.

However, 'gesture recognition' could be a reality in the next year, meaning users will be able to

control their handset simply by waving their finger in front of it.

Jem Davies, of chip designer ARM, added that, within five years, disposable sensors could be integrated into clothing, while smartphones could replace the keys to your front door.

Google is not planning on being left behind, with its augmented-reality Google Glass – which will project information on to a pair of glasses – in development.



3D: Nokia's Lumia handset could feature a poison detector >> [The Dark Knight Rises premiere P23](#)

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## Forget Bill Gates, there's a new genius in town...

WHILE most eight-year-old boys are happy playing computer games, Shafay Thobani is rewriting them. He has just qualified as the world's youngest Microsoft specialist, having mastered complex internet protocol and domain name systems during a 13-month course.

When he wasn't busy studying at school, Shafay was guided through it by his father, Dr Shau Thobani.

The chief executive of Thobson Technologies said: 'Even when he

was small, I saw something different in Shafay. He's always been so intelligent. When he was three, he was more interested in my electronics than his own toys.'

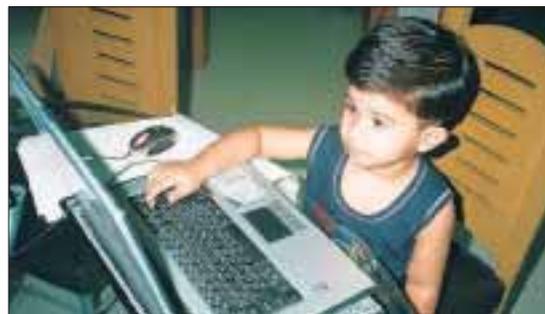
Despite being proud of his IT prodigy son, Mr Thobani, from Pakistan, denies having his career mapped out for him.

'I'm not forcing Shafay to do anything,' he added.

'He will decide what he wants to do for himself.'

Tuned in: Eight-year-old Shafay Thobani, pictured here aged three, has become the world's youngest Microsoft specialist

PICTURE: CATERS



## Big babies 'worsen cancer risk'

HAVING a heavy baby can more than double a woman's risk of breast cancer, a study has found. Increased levels of hormones in the womb create a 'pro-carcinogenic environment', particularly in mothers with babies weighing more

than 3.75kg (8lb 3oz), research by Texas University shows. The analysis of more than 24,000 women suggests high levels of oestrogen and low levels of anti-oestrogen may be to blame, the Public Library of Science ONE reports.