

# Brandon Talbot

## Curriculum Vitae

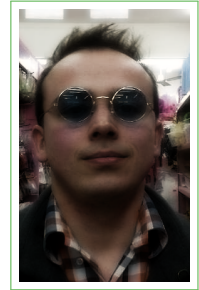
463 Sibelius Street  
0181 Lukasrand Pretoria  
South Africa

+27 (82) 491 3690

+27 (12) 344 6358

bjtalbot@webafrica.org.za

people.cs.uct.ac.za/~btalbot



## Experience

### Full Time

2014–present **Software Engineer,**  
*Entelect.*

Software development consultant for Entelect.

#### Clients

##### ○ Standard Bank

(09 February 2016 - Present)

Android developer for Standard Bank's mobile banking application.

I worked on the Day to Day team where I worked on new features and maintenance of old features for account money transfers, payments, value added services and more.

Standard Bank uses a Agile SCRUM methodology.

#### Technologies:

- Android
- Java

##### ○ Seecrypt

(09 October 2014 - 09 February 2016)

Android developer for Seecrypts new SC3 secure talk and chat application.

SC3 is a chat application similar to WhatsApp but it had call and encryption functionality before WhatsApp did.

Seecrypt used an Agile SCRUM methodology.

#### Technologies:

- Android
- Java
- C and C++
- JNI
- SQLite and SQLCipher
- Bluetooth programming
- Cryptography
- Kotlin

2014 **Java Developer,**

*BSG Business Systems Group.*

Software Development consultant for BSG.

**Clients**

○ **ABSA**

*(3 Feb 2014 - 22 October 2014)*

Developer on the end to end Branch Delivery Platform environment for 3 release cycles.

The end to end BDP system is used by ABSA's bank tellers.

ABSA's E2E team utilises a modified Scrum methodology.

**Technologies:**

- C#
- MVC Razer
- Visual Studio

Part Time

2007–2013 **Technician and Programmer,**

*ETLIN International Trading (PTY) LTD*

*Intercontinental Shipping (PTY) LTD.*

Fixed any Computer related issues and made Excel document creation programs through JXL

**Detailed achievements:**

- Set up computer systems for daily work of the company.
- Created many Excel Editors to do many days work in a matter of minutes.

Miscellaneous

2005, 2007, 2008 **Team Captain & Participant at Karate World Championships,**

*Scorpion Karate, Las Vegas, England, Italy.*

Participated in World Shotokan Karate (FSKA - Fanakoshi Shotokan Karate Association) tournaments around the world. Was Team captain for England trip in 2007.

**Won:**

- 4 silver medals, 2 bronze and 4th place
- 2 silvers (kata, unisan kata) Las Vegas
- 1 silver (Kata) Italy
- 1 Silver (unisan kata) England
- 4th place (Komite) Las Vegas
- 1 bronze (Team Komite) England
- 1 Bronze (Komite) Italy

---

Projects & Programs

CUDA-Squeeze **SKA Compression project, Honours.**

SKA (Square Kilometer Array) compression project. Determine best method in order to compress the Radio Satellite data in real time. I worked on a Huffman coding & Adaptive Huffman Coding algorithm.

Fly-DragonFly **Android Arcade Game,**

Android survival game based on old top down scrolling arcade games.

Height Map **Biology reduction Height Map Comparison program**, Allows for Graph-  
Analyser ing and many other comparisons between reductions in the UCT Biology  
department..

Intent to Publish, wrote 95% of code (all but the 3D GL renderer)

Excel Editor **Excel document creator for ICS & ETLIN,**

*Recurring,*

ETLIN & ICS project.

Creates documents for ETLIN and ICS, from other excel documents created by  
*MOSAIC*

---

## University

2013–2013 **B.Sc Hons**, *University of Cape Town*, Cape Town.

Computer Science Honours

NRF (National Research Fund) Bursary - R40 000

2010–2012 **B.Sc**, *University of Cape Town*, Cape town.

Computer Science & Computer Games Design

Extra Subjects ○ **Linear Algebra & Advanced Calculus**

Taken ○ **Applied Mathematics**

○ **Cryptography**

.

---

## Languages

English **Mother Tongue**

Afrikaans **Basic Understanding**

---

## Computer skills

Basic Python, LUA

Intermediate SQL, OpenGL, Android, Microsoft XNA, CUDA, HTML, PHP, JavaScript,  
Delphi, libGDX, XML, UML

Advanced C & C++, Java, C#, VB.net, Linux

---

## Interests

Karate Black Belt since 2007, Studied Shotokan Karate at Scorpion Karate under  
Shihan (6th Dan) Ravi Moodley

Mountain Activity with friends, and mountain biking  
Climbing



## References

Name	Company	Phone number
○ Linda Lotter	○ ETLIN	○ (+27) 83 4447 334
○ Caroline Talbot	○ ICS	○ (+27) 82 5555 113
○ Ravi Moodley	○ Scorpion Karate	○ (+27) 82 6002 883
○ Philip De Kock	○ BSG Line Manager	○ (+27) 11 215 6666

**Brandon Talbot**  
463 Sibelius Street  
0181 Lukasrand Pretoria  
South Africa  
☎ +27 (82) 491 3690  
☎ +27 (12) 344 6358  
✉ [bjtalbot@webafrica.org.za](mailto:bjtalbot@webafrica.org.za)  
🌐 [people.cs.uct.ac.za/~btalbot](http://people.cs.uct.ac.za/~btalbot)

**Company Recruitment Office**

August 15, 2016

Dear Sir or Madam,

I am an enthusiastic programmer. I have been programming for over 6 years now and still love it. I particularly enjoy graphics programming and data visualisation. I am highly dedicated and disciplined thanks to my Karate training, in which I trained for over 12 years.

I have a European passport, and have nothing against having to travel.

Out of all the projects I have participated in, both at university and on my own, I enjoyed those where I designed graphical visualisations for data, and the projects where I created the graphical sections for games.

I have taken Networking, Cryptography, Linear Algebra, and Interface Design courses at UCT and have many projects on my website <http://people.cs.uct.ac.za/~btalbot/>.

Yours faithfully,

**Brandon Talbot**

*Attached: curriculum vitae*