

Sven Struan Finlay

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Home Address: 64 The Mount, Guildford, Surrey, GU2 4JB

Education:

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| University of St Andrews: | September 2015 - Present |
| <i>BSc (Hons) in Computer Science</i> | St Andrews, Scotland |
| - Currently In 2 nd year (graduating 2019) | |
| UCT Graduate School of Business: | June 2015 |
| <i>Finance for non-Financial Managers course</i> | Cape Town, South Africa |
| - A short course to grasp the basics of finance. | |
| South African College High School (SACS): | January 2010 – December 2014 |
| <i>National Senior Certificate (IB equivalent)</i> | Cape Town, South Africa |
| - Graduated Cum Laude (Highest academic achievement) | |
| - Science Society Committee Member | |
| - Full school colours for Academics and Music | |
| - Mentorship Program (volunteer maths, physics and IT tutor) | |
| - Deputy Head of Choir | |

Recent Awards:

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| 1st Place StacsHack (hackathon): | Match 2017 |
| <i>St Andrews Computer Society</i> | |
| - Awarded for our project Star Wars Dungeon. | |
| Amazon Social Alexa Competition Winner: | March 2017 |
| <i>Amazon Development Center Scotland</i> | |
| - Awarded by amazon for the same project as above. | |
| - The challenge was to create a social skill for Amazon's Alexa Assistant. | |

Experience:

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| MTN Group CT Head Office (Mobile telecommunication company): | June 2013 |
| <i>Job Shadowing the lead technician</i> | Cape Town, South Africa |
| - During my second year of high school when I was deciding whether I would be moving into the world of computing, I decided to go to a few companies to see if I liked it. The first place I went to was one of South Africa's leading mobile companies head offices. There I spent time shadowing the lead developer. We spent time bug fixing the company's website and learning some more about java. | |
| Orange Street Software: | August 2013 |
| <i>Job Shadowing and helpline Assistant</i> | Cape Town, South Africa |
| - This was the second company I went to. It's a small company that manages software and services for both businesses and personal clients. I spent the first few days shadowing a technician where we traveled around Cape Town installing server stacks and fixing networking issues. Then I was moved to the call center where clients would call in if they had minor issues and I would help them fix it over the phone or via team viewer. | |
| Adolphus Group: | Summer 2016 |
| <i>Contractual Front of House staff</i> | London, UK |
| - During the summer of first year I decided to get a part time job. I worked for a company that managed waiting staff. Hotels would call in and request staff and we would be sent out. I worked in positions from waiter to Host for a VIP buffet. Working in hotels such as: The Churchill Marble Arch, Westbury Mayfair and Millennium Chelsea Harbor. | |

Projects:

SaintsBoard

Hack the Bubble 2016

- A reddit clone that my team designed and built during a 12-hour hackathon to be implemented into the university student portal.
- Implemented using Solr and JavaScript.
- Can be found on my github page: <https://github.com/SvenStruanFinlay/SaintsBoard>

Star Wars Dungeon

StacsHack 2017

- which as a combination of Star Wars and Dungeons and Dragons represented in 2.5D where the game master controls the environment via voice control through the Amazon Alexa.
- Implemented using TCP, Java, HTTP
- Can be found on my github page: <https://github.com/SvenStruanFinlay/InternalServerError>

Skills:

Programming and Scripting Languages:

- Proficient: Java;
- Medium: C, Python;
- Basic: JavaScript, Haskell, HTML, SQL, CSS3, Assembly, XML, JSON

Operating Systems:

- Windows,
- Linux

Tools:

- Latex
- JQuery
- AngularJS
- Mocha
- Chai

Database Tools:

- Solr
- CouchDB
- SQL

References:

Available on request.