

Curriculum Vitae

Matthew Botha
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Computer Programmer

- Currently studying BIT at University of Pretoria
 - Third year student
 - Completing Honors in 2018 (study part time over two years)
- Looking for a part-time or internship position for 2017 in computer programming and development

Previous Experience

- Experience with real-world PHP, Django, ASP.Net and Android development
 - PHP and Django development on Pinocchio: a peer-review site for the Computer Science department of UP (see reference Vreda Pieterse)
 - Initial ASP.Net development on the SALGA Municipal Barometer (see reference Rendani Kruger)
 - Android development on “Cape Town Rocks”, a tour guide app for the 35th IGC (International Geological Conference) in 2016 (see reference Phillip Paige-Green)
 - <https://play.google.com/store/apps/details?id=com.release.igc.navtest>
- Amazon Web Services experience:
 - Currently working on a third year Software Engineering project for AWS Cape Town
 - Used AWS IoT, DynamoDB, API Gateway, Lambda and CloudWatch
 - See reference Julian Hambleton-Jones
- Teaching Assistant for the Computer Science Department at UP for 1 year

Education

- Deputy Head Boy of Hatfield Christian School 2013
- Matriculated with 4 distinctions
- Studying Bachelor of Information Technology at University of Pretoria, which includes:
 - Computer Science
 - Data Structures and Algorithms
 - Design Patterns
 - Computer Architecture and Design
 - Software Engineering
 - Programming Languages

- Networks etc
- Informatics
 - Business Analysis
 - System Analysis
 - System Design
 - Human-Computer Interaction
 - Project Management
 - Database Design and Management
- Basic Accounting and Business Management

Programming and Markup Languages Known

- C, C++ and C#
- Java
- Python and Django
- PHP, HTML 5, CSS and Bootstrap
- XML and XAML
- Haskell
- ASP.Net
- MySQL
- SharePoint
- Unix Shell Scripting

References

Ms Vreda Pieterse

- Lecturer and project head for Pinocchio
- vpieterse@cs.up.ac.za

Rendani Kruger

- Previous employer for the SALGA Municipal Barometer project
- rendi619@gmail.com

Julian Hambleton-Jones

- Current project head for the AWS Software Engineering project
- hajulian@amazon.co.uk