

ROBERT SMITH

Through work and education experience I have developed a great interest in business processes and the flow of information between functional components of an organisation.

My work experience is quite diverse and has given me insights into a wide variety of markets and value chains, and the motivations of corporates and individuals involved in business growth initiatives. Experience in the investment advice industry allowed me to learn client management, operational and budget planning, together with the technical and regulatory aspects of the industry.

Further education and development have followed me through all roles in one way or another, and my most recent role as a PhD fellow is another example. Data analysis, programming and the Danish economy as the central learning elements.



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EDUCATION

- 2020
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2016

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PhD. Fellow, Macroeconomics

Aalborg University

Aalborg, Denmark

• Working on structural econometric models of the main institutional sectors of the economy

• Project participant in micro-data analysis of Danish graduate migration

2015
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2008

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Master of Commerce, Financial Markets

Rhodes University

Grahamstown, South Africa

• University based courses and industry entrance examinations for financial and derivatives markets

• Thesis: Balance sheet sources of change in the money stock
- ## RESEARCH EXPERIENCE
- 2019
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2018

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Research Assistant: ReDY

Aalborg University

Aalborg, Denmark

• A four month leave from my PhD to be a part of the Regional Dynamics research project.

• Analysis of Danish administrative micro-data using a combination of SAS and R.

• Visualisation of inflow and outflow dynamics across several dimensions. Gender, level of education, gender, degree of urbanisation in municipal of residence.

2016

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Research Assistant: MaMTEP

Aalborg University

Aalborg, Denmark

• Data sourcing and preparation for modelling purposes

• Extension of writing from master's thesis

CONTACT

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LANGUAGE SKILLS

Excel	
R	
SAS	
Python	
STATA	
Visual Basic	



INDUSTRY EXPERIENCE

2015
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2014

- **Operations Consultant**

Asset Protection International (API)

Port Shepstone, RSA

 - Operations and budget planning. Redesign and implementation of workflows and a new electronic file storage system. Introduction of electronic document signing, allowing administrators to adjust client documents in real-time so as to avoid multiple client visits.
 - Review of company compliance and revision of employment contracts. Writing of corporate and risk mitigation policies. Introduction of employee education and development funding.

2014
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2012

- **Operations Manager**

Asset Protection International (API)

Port Shepstone, RSA

 - Completed a risk assessment , wrote business policies, started the automatic monitoring of income and expenditures, digitised physical documentation, redesigned operations workflows, digitised and streamlined the advice documentation process, and helped to structure a business continuity plan.

2012
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2011

- **Research analyst**

Frost & Sullivan International

Cape Town, RSA

 - Project scoping, primary interviews, secondary data and information sourcing. PowerPoint project deliverables were presented in person to high profile corporate clients.

I have worked in several quite different roles, ranging from market researcher to workflow developer. In each role there was a strong focus on learning and the improvement of the working environment around me.



TEACHING AND KNOWLEDGE DISSEMINATION

2019
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2018

- **Mathematics for economists: Linear Algebra**

Aalborg University

Aalborg, Denmark

 - Lecturer
 - A basic introduction to linear algebra with simple applications in R
 - Undergraduate class

2019
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2018

- **Course coordinator: Introduction to R and Python**

Aalborg University

Aalborg, Denmark

 - Coordinator
 - All modules are provided through DataCamp, and I simply provide guidance and administer the progress of students.
 - All levels of student may attend, and up until the first semester 2019 group, participation was entirely voluntary.

2019
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2017

- **Supervision and oral examinations**

Aalborg University

Aalborg, Denmark

 - Supervisor
 - Supervision and examination of semester projects in semesters 1, 2, 4, and 5.

Teaching is an extraordinary way to connect with people and to share your enthusiasm for a subject. It gives me great satisfaction to support and promote the strengths of the people I have had the opportunity to guide.

2019
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2018

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Member of the KORS Data Manager Network

Aalborg University

Aalborg, Denmark

• Member

• Participant in semi-annual meetings of the data managers from various research institutes and universities in Denmark.

• The meetings are facilitated by KOR (koordinerende organ for registerforskning, KOR), and Danmarks Statistik

SELECTED PUBLICATIONS

2019

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Graduate dynamics in Denmark: Descriptive analysis

Unpublished

Aalborg University

• Descriptive data analysis of the migration patters of graduates in Denmark

2019

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Sektorbalancer i Danmark efter krisen

Mod strømmen - en stridsmand fylder 70: Et festskrift til Jesper Jespersen.

Aalborg University

• A brief evaluation of sector balance developments in Denmark after the financial crisis

2018

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Sectoral Balances: Empirical evidence from Scandinavia

MaMTEP Working Paper Series

Aalborg University

• A balance sheet analysis of interdependencies between net financing requirements of institutitonal sectors

2017

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Money at first principles: A social value theory of money

MaMTEP Working Paper Series

Aalborg University

• A theoretical investigation of the nature and origin of money

The final components of my PhD should be complete within the next few months. These will also be submitted for publication with recognised academic journals after the PhD has been assessed by the external evaluation committee.

SOCIAL RESPONSIBILITY

2019
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2018

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Accounts representative

Præstelunden Husejerforening

Aalborg Øst

2019

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Board Member

Rækkehusforeningen Præstelunden

Aalborg Øst



WORK ELIGIBILITY

2020
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2017



Temporary Residency Permit

Extension

- I am a resident of Denmark, as a family reunified spouse.
- This permit allows unrestricted work in Denmark.
- It must be renewed or converted to a permanent residency between June and September 2020.

2017



Danish driver’s licence, Category B

As a South African national, some additional information regarding my residency status will be relevant.



SPORTS AND RECREATION

2019



Sports

Various clubs

Aalborg, Denmark

- When time allows for it, I take the opportunity to play golf or squash, I swim and run for fitness and when possible go skiing, surfing and snowboarding.
- When the opportunity presents itself I also love to step into a pair of skis or onto a snowboard.

2019



Recreation

Travel, wine and dine

Aalborg, Denmark

- Travel and exploration are certainly a passion, appreciation for hot sunny beach has definitely grown since moving to Denmark.
- Whenever something needs celebrating, we take advantage of one of the number of great restaurants emerging in Aalborg city centre.



REFERENCES



Finn Olesen

Aalborg University

Aalborg, Denmark

- PhD Supervisor



Peter Morgans

Asset Protection International (API)

Durban, RSA

- Executive director



Ian Smith

Asset Protection International (API)

Port Shepstone, RSA

- Executive director

In the interst of protection of personal information, contact details for references will only be provided directly on request.