# 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 guite 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.



## **EDUCATION**

2020 2016

#### 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 2008

### **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 2018

### **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

### **Research Assistant: MaMTEP**

**Aalborg University** 

• Aalborg, Denmark

- · Data sourcing and preparation for modelling purposes
- · Extension of writing from master's thesis



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## CONTACT

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- github.com/robabsmith
- **)** (0045) 4268 9858

## LANGUAGE SKILLS

Excel Python

# **INDUSTRY EXPERIENCE**

2015 | 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.

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.

2014

#### Operations Manager

Asset Protection International (API)

Port Shepstone, RSA

• Successfully mapped and streamlined back office processing and the financial advice process to ensure legal compliance and high-quality client services. Prepared. 5 regions in 9 offices. Workflows, document and template development, discussions, training and revisions.

2012 | 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.

# **TEACHING EXPERIENCE**

2019 | 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 | 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 | 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.

**Member of the KORS Data Manager Network** 2019 • Aalborg, Denmark **Aalborg University** 2018 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 Graduate dynamics in Denmark: Descriptive analysis 2019 • Aalborg University Unpublished · Descriptive data analysis of the migration patters of graduates in Denmark Sektorbalancer i Danmark efter krisen 2019 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 **Sectoral Balances: Empirical evidence from Scandinavia** 2018 • Aalborg University MaMTEP Working Paper Series · A balance sheet analysis of interdependencies between net financing requirements of institutitonal sectors Money at first principles: A social value theory of money 2017 • Aalborg University MaMTEP Working Paper Series · A theoretical investigation of the nature and origin of money SOCIAL RESPONSIBILITY 2019 **Accounts representative** • Aalborg Øst Præstelunden Husejerforening 2018

**Board Member** 

Rækkehusforeningen Præstelunden

SPORTS AND RECREATION

2019

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.

• Aalborg Øst