

# Johan Orrenius

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## Education **Stockholm School of Economics**

PhD program, Fall 2020 -present.  
Primary feild: Applied Micro economics  
Secondary feild: Behavioal and Health  
Supervisor: Richard Friberg  
Specialization courses: Behavioal and labor

## **Royal Institute of Technology (KTH)**

M.Sc., Applied and Computational Mathematics, Jun 2018.  
Specialization: Mathematical Statistics  
M.Sc.Eng., Engineering physics, June 2018.  
B.Sc., Engineering physics, June 2016  
Enrolled: Sep 2013

## **Technical University of Munich**

Exchange year, Mathematics, Oct 2016-Aug 2017.

## **Stockholm University**

Various courses., Sep 2013-April 2019.  
Fields: Physics, Economics, Philosophy

## Employment

### **Swedish House of Finance at Stockholm School of Economics**

Research assistant, Aug 2018-June 2020

Description: Econometric analysis with large datasets for research projects.

Topics: Household Finance. Economic and financial outcomes related to depression, ADHD and alcohol availability.

Supervisor: Marieke Bos

### **ABB Corporate research**

Summer internship, June 2015-Aug 2015

Description: Multi-physics simulation using FEM software

### **Bombardier Transportation Sweden**

Technical Assistant, July 2012-Aug 2012

Description: Updating archive

## Teaching

### **Finance, Stockholm School of Economics**

Teaching Assistant, The Psychology and Economics of Consumer Finance, Spring 2019

### **Economics, Stockholm School of Economics**

Teaching Assistant, Empirical Economics , Fall 2021

Teaching Assistant, Using Data to Solve Economic and Social Problems , Spring 2022

## Other academic activities

### **Presentations**

2022:PhD conferanec SSE,ENTER Jamboree(discussant),  
Microwave Stockholm University(SU)

2023 Brownbag SSE, Microwave SU

### **Master thesis, Mathematical Statistics**

Title: Optimal mass transport: a viable alternative to copulas in financial risk modeling? June 2018

Supervisors: Hendrik Hult & Johan Karlsson

### **Bachelor thesis, Engineering physics**

Title: Regression Models of National Tests Scores and Grade Point Average in Swedish 9th Grade. June 2016

Co-author: Adam Lindhe, Supervisor: Fredrik Amerin

### **Research academy for young scientist**

Four weeks, Topic of report: Quantum Information, June-July 2012

### **Quantum Cryptography School for Young Students**

One week, University of Waterloo, Canada, July 2011

## Other activities

### **Mattecentrum**

Volunteer helping high school students with math, 2021-present

### **The Archipelago Foundation**

Board deputy Jan 2019-Dec 2020

### **Norrmalms district council**

Sub-council to Stockholm City council

Politically appointed, June 2013-Aug 2016

### **KTH Student Union**

Board member, July 2017-June 2018

## Languages and Skills

Swedish (native), English (fluent), German (intermediate)

STATA, Python, Matlab, Java, R, L<sup>A</sup>T<sub>E</sub>X