Elizabeth Bjarnason

Software Engineering Research Group

ELLIIT: the Linköping-Lund initiative on IT and mobile communication

LTH Profile Area: Al and Digitalization

LU Profile Area: Natural and Artificial Cognition

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Research

Dr. Elizabeth Bjarnason is an associate professor (docent) of software engineering at Lund University, Sweden, and belongs to its Software Engineering Research Group (SERG). Her research interests include empirical research on software development and management methods, in particular for requirements engineering and digital work environments with a focus on human aspects, communication and collaboration, and the use AI techniques in professional work. She also has 15 years experience from the software industry, in roles such as requirements engineer and project manager.

Elizabeth teaches two courses:

Business aspects of software development including legal, ethical, and project management (ETSF25 Business of

Software)

Requirements Engineering (ETSN15, was: ETS170)

She also supervises M.Sc. projects within software engineering, in particular with connections to software processes and collaboration and the use of AI in these contexts, including requirements communication, agile development, digital work environments and softer aspects of software development. Contact her to discuss potential M.Sc. projects within these topics.

Qualifications

Excellent Teaching Practictioner, Lund University: LTH

Award Date: 2018 Jun 19

Employment

Senior lecturer

Software Engineering Research Group Lund University Lund, Sweden 2020 Dec 16 → present

Senior lecturer

ELLIIT: the Linköping-Lund initiative on IT and mobile communication Lund University
Lund, Sweden
2013 Jan 1 → present

Profile area member

LTH Profile Area: Al and Digitalization Lund University Sweden

2022 Jul 7 → present

Profile area member

LU Profile Area: Natural and Artificial Cognition Lund University Sweden 2023 Jan 1 → present

Guest researcher

Open University MK7 6AA Milton Keynes, United Kingdom 2013 Mar 1 → 2013 Sept 1

Software Process Manager

Sony Mobile Communications AB Lund, Sweden 2007 Jan 1 → 2012 Jan 1

Project manager

Sony Ericsson Mobile Communications AB Sweden 2001 Jan 1 \rightarrow 2007 Jan 1

Development Engineer

Ericsson Mobile Communications AB Sweden 1998 Jan 1 → 2001 Jan 1

Prizes and Distinctions

Best Paper Award

Bjarnason, E. (Recipient), Wnuk, K. (Recipient) & Regnell, B. (Recipient), 2010 Sept

Best Paper Award

Bjarnason, E. (Recipient), 2021 Oct

Distinguished Paper Award

Bjarnason, E. (Recipient), Unterkalmsteiner, M. (Recipient), Engström, E. (Recipient) & Borg, M. (Recipient), 2015 May

Most Influential Paper award

Bjarnason, E. (Recipient), Wnuk, K. (Recipient) & Regnell, B. (Recipient), 2021 Sept

Projects

Continuous Experimentation and Optimization

Ros, R. (PI), Runeson, P. (Supervisor) & Bjarnason, E. (Assistant supervisor) $2016/04/01 \rightarrow 2022/03/04$

DeSIDE: Designing Sustainable Digital Work - Theme, Pufendorf IAS

Bjarnason, E. (PI), Persson, J. (PI), Rydenfält, C. (Researcher), Sarker, S. (Researcher), Keller, C. (Researcher), Rassmus-Gröhn, K. (Researcher), Nyström, M. (Researcher), Arvidsson, I. (Researcher) & Tärning, B. (Researcher)

ELLIIT: Efficient Business Prototyping in Software Startups

Bjarnason, E. (Researcher) 2020/09/01 → 2022/07/30

EASE: Embedded Applications Software Engineering

Åkesson, J. (Researcher), Magnusson, B. (Researcher), Svensson Fors, D. (Researcher), Magnusson, E. (Researcher), Hedin, G. (Researcher), Kuchcinski, K. (Researcher), Andersson, P. (Researcher), Nugues, P. (Researcher), Robertz, S. (Researcher), Ekman, T. (Researcher), Loconsole, A. (Researcher), Orucevic-Alagic, A. (Researcher), Johnsson, B. A. (Researcher), Pfahl, D. (Researcher), Bjarnason, E. (Researcher), Söderberg, E. (Researcher), Sabaliauskaité, G. (Researcher), Jonsson, H. (Researcher), Janneck, J. (Researcher), Wnuk, K. (Researcher), Borg, M. (Researcher), Skoglund, M. (Researcher), Sulaman, S. M. (Researcher), Minör, S. (Researcher), Sandholm, T. (Researcher), Alce, G. (Researcher), Wallergård, M. (Researcher), Zhang, C. (Researcher), Barney, S. (Researcher), Martinsen, J. K. (Researcher), Grahn, H. (Researcher), Jalali, S. (Researcher), Ardö, A. (Researcher), Engström, E. (Researcher), Berntsson Svensson, R. (Researcher), Regnell, B. (Researcher), Runeson, P. (PI), Wohlin, C. (PI), Höst, M. (Researcher) & Wisbrant, J. (Project communication officer) 2008/09/30 → 2018/12/31

Man får vad man frågar efter! Stöd för kravställning av digital arbetsmiljö i kommunal vård och omsorg.

Persson, J. (Researcher), Bjarnason, E. (CoI) & Rydenfält, C. (PI) 2022/12/01 → 2026/05/01

LärDa: (Universitets) Lärares digitala arbetsmiljö

Aili, C. (Researcher) & Bjarnason, E. (Researcher) $2019/06/01 \rightarrow 2020/06/20$

UPITER - Efficient requirements architectures in platform-based requirements management for mobile terminals

Bjarnason, E. (Researcher), Wnuk, K. (Researcher), Regnell, B. (Researcher) & Höst, M. (Researcher) 2006/01/01 → 2016/12/31

WASP Continuous Experimentation with Limited User Data

Bjarnason, E. (PI), Fagerholm, F. (PI), Runeson, P. (CoPI) & Kauppinen, M. (CoPI) $2022/10/01 \rightarrow 2026/04/30$

Work and Organization in the digital age

Andersson, M. (PI), Bjarnason, E. (PI), Schaefer, S. (PI), Sikström, S. (Researcher), Rosengren, C. (Researcher), Bergström, J. (Researcher) & Nilsson, C.-H. (Researcher) 2016/09/15 → 2017/05/18

Work and Organization in the Digital Age

Schaefer, S. (PI), Andersson, M. (PI), Bjarnason, E. (PI), Hansson, K. (Researcher), Sikström, S. (Researcher), Rosengren, C. (Researcher), Bergström, J. (Researcher), Nilsson, C.-H. (Researcher), Nilsson, L.-E. (Researcher) & Aili, C. (Researcher)
2016/09/15 → 2017/05/18