

Dr. Peter H. Fröhlich

Education

- Doctor of Philosophy, [Information and Computer Science](#), [University of California, Irvine](#), 2000–2003
- Master of Science, [Information and Computer Science](#), [University of California, Irvine](#), 1998–2000
- Diplom-Informatiker (FH), [Computer Science and Mathematics](#), [Munich University of Applied Sciences](#), 1991–1997

Academic Experience

- Senior Lecturer, [Computer Science](#), [Johns Hopkins University](#), 2008–present
- Director, [Johns Hopkins Gaming Lab](#), 2008–present
- Visiting Professor, [Computer Science and Mathematics](#), [Munich University of Applied Sciences](#), July 2016
- Lecturer, [Computer Science](#), [Johns Hopkins University](#), 2005–2008
- Lecturer, [Computer Science and Engineering](#), [University of California, Riverside](#), 2002–2005

Industry Experience

- COCOSS GbR, Consultant / Software Engineer (Development Processes, Web Development), July–August 1998
- NEXUS informatics GmbH, Software Engineer (Machine Control, Newsroom Equipment and Systems), March–December 1997
- Sisymed Software GmbH, Technical Intern (Software Configuration Management), September 1993–March 1994
- [DASA Daimler-Benz Aerospace AG](#), Technical Intern (Satellite Systems Design, Image Analysis), September 1991–March 1992

Professional Organizations

- [Association for Computing Machinery \(ACM\)](#), 1998–present
- [Institute of Electrical and Electronics Engineers \(IEEE\)](#), 1998–present

Honors and Awards

- [William H. Huggins Excellence in Teaching Award](#), [Whiting School of Engineering](#), [Johns Hopkins University](#), 2015
- [Upsilon Pi Epsilon](#), International Honor Society for the Computing and Information Disciplines, [Johns Hopkins University Chapter](#), 2006

Service Activities

- Faculty Hiring Committee (Systems), 2016
- Faculty Advisor, [JHU Esports Association](#), 2013–present
- Faculty Advisor, [JHU Amnesty International](#), 2007–present
- Faculty Mentor, [Women in Science and Engineering \(WISE\)](#), 2013
- Session Chair (Capstones and Professional Development), [SIGCSE 2010](#)
- Session Chair (Networking), [SIGCSE 2008](#)
- Vice President of Communications, [American Federation of Teachers, Local 1966](#), 2003–2005

Publications, Workshops

- Practical Systems Programming in Computer Science Education (with [Borja Sotomayor](#) Birds-of-a-Feather Session, [SIGCSE 2017](#))
- Introduction to Programming for Scientists and Engineers (with [Joanne Selinski](#)), Birds-of-a-Feather Session, [SIGCSE 2014](#)
- Designing to Learn, Designed for Fun: An Undergraduate Video Game Development Course (with Michael J. Reese and Joan Freedman), [ASEE 2012](#)

Professional Development

- [SIGCSE](#) Technical Symposium on Computer Science Education (2017, 2016, 2014, 2013, 2009, 2008, 2007)
- [POSSE](#) Professors' Open Source Summer Experience Workshop ([2010](#))