

# Leonard Klenner

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## EDUCATION

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- **University of Oxford** Online  
*Advanced Diploma in IT Systems Analysis and Design* Oct 2018 – Oct 2019
- **Johns Hopkins University School of Advanced International Studies (SAIS)** Washington, DC  
*Master of Arts in Conflict Management and Economics; GPA: 3.58* Sep 2017 – May 2019
  - **Best Thesis Award:** Awarded for my master's thesis "Adaptation for Optimal Learning in Conflict".
- **Ludwig Maximilian University Munich** Munich, Germany  
*Bachelor of Arts in Comparative Literature and Philosophy; GPA: 4.00 (1.24)* Sep 2013 – Nov 2016

## EXPERIENCE

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- **Johns Hopkins SAIS** Washington, DC  
*Short Course Instructor* Dec 2018 – Present
  - **Course Development:** Co-developed Computational Applications to Policy and Strategy (CAPS), a six-session course that emerges early-career policymakers in the policy and strategy considerations of key reinforcement learning algorithms and approaches. CAPS is the first student-taught short course to become accredited at SAIS.
  - **Teaching:** Created lectures and led a team of two co-teachers. Continuously tracked and refined student success.
  - **Executive Outreach:** Secured mentorship for CAPS from senior leaders in the public and private sectors. Presented CAPS to key leadership at organizations such as OpenAI and pitched the course successfully to two Deans of SAIS.
- **Johns Hopkins University** Baltimore, MD  
*Research Assistant to Profs. Sinisa Vukovic and Brian Gunia* Aug 2018 – May 2019
  - **Policy Analysis:** For Professor Vukovic, analyzed hybrid conflict resolution mechanisms and contributed research on game theory and situational learning to papers forthcoming in Group Decision and Negotiation.
  - **Natural Language Processing:** For Professor Gunia, processed a mid-sized interview data set and used Python's *sklearn* and *nlTK* packages for topic modeling, linguistic style matching and other NLP analysis.
- **Saiss2stechnology.com** Washington, DC  
*Co-Founder* Feb 2018 – May 2019
  - **Product Management:** Developed a platform for student-to-student education focused on technology policy. Built relevant knowledge-sharing pipelines on campus and led two semester-long workshops with 40+ enrolled students.
  - **Market Research:** Led research into education at the intersection of policy and artificial intelligence. Sourced insights and best practices from companies such as InQTel and Palantir. Presented results to SAIS's leadership.
  - **Leadership:** Managed team growth from 1 to 10. Secured funding from Johns Hopkins Technology Ventures.
- **Quirin Privatbank** Munich, Germany  
*Private Wealth Management Intern* Jan 2017 – Mar 2017
  - **Portfolio Analysis:** Evaluated ETFs for a portfolio with EUR 350m AUM, compiled research briefs on passive strategies, and performed relevant due diligence tasks directly supporting client acquisition.

## PROJECTS

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- **Assured Autonomy:** *AI Initiative associated with the Johns Hopkins Applied Physics Lab* Summer 2019
  - **Data Analysis:** Mined and analyzed data from a RTS game in Python supporting an AI safety research project.
- **StarCraft II Bots:** *Real-time strategy game used in commercial AI research* Summer 2018
  - **Programming:** Built two rule-based AI bots in Python that defeat StarCraft II's in-game AI on 'elite'.
- **Munich Kammerspiele Theater:** *Leading German theater* 2015
  - **Acting:** Contracted to play a lead role in a modern German classic. Reached a cumulative audience of 4500+.

## PEER-REVIEWED CONFERENCE PRESENTATIONS

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- **Opponent Modeling of the Taliban:** Research paper presented [at IACM 2019]. [Draft].
- **Strategy and Turning Points:** Research paper presented [at IACM 2018]. [Draft] and [slides].

## SKILLS

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- **Languages:** English (fluent), German (native)
- **Technical:** Python (beginner; *numpy*, *python-sc2*, *sc2-reader*, *s2protocol*), Tableau (beginner), Excel (proficient)
- **Interests:** Online learning, Future of work and retraining, Virtual economies and gamification, AI governance