Leonard Klenner

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EDUCATION

- **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
- **Ludwig Maximilian University Munich** — Munich, Germany
  Bachelor of Arts in Comparative Literature and Philosophy; GPA: 4.00 (1.24) — Sep 2013 – Nov 2016

EXPERIENCE

- **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**: Led a team of two co-teachers, wrote lecture notes and built the CAPS course website on GitHub.
  - **Executive Outreach**: Secured mentorship for CAPS from former Under Secretary of State Sarah Sewall. Presented CAPS to former senior personnel of the Department of State, the policy director of OpenAI and SAIS's leadership.

- **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 situational learning in conflict to paper forthcoming in Group Decision and Negotiation.
  - **Computational Modeling**: Built a game-theoretical model of utility transfer to simulate concession making strategies in conflict and implemented the model in Python.
  - **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.
  - **Leadership**: Grew the team from one to eight students. 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

- **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

- **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

- **Languages**: English (fluent), German (native)
- **Technical**: Python (beginner; *numpy, python-sc2, sc2-reader, s2protocol*), Tableau (beginner), Excel (proficient)
- **Interests**: Future of work and retraining, AI governance, Organizational decision-making, Games and education