

STEPHEN TRUSH

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WORK EXPERIENCE

Research Fellow

University of California, Berkeley – Berkeley, CA

January 2017 – Present

- As a fellow at the Center for Technology, Society and Policy, designs interactive information architectures to inform the public of the deployment of government surveillance technologies in Oakland and other Northern California jurisdictions.
- Collaborates with local agencies to assess privacy of law enforcement data sharing systems.
- Studied mobile data collection tools and their users in India and Southeast Asia as a Global Development Fellow with USAID.

Military Intelligence Officer

United States Army Reserve – Dublin, CA

March 2013 – March 2017

- Lead production officer for strategic intelligence analysis supporting Intelligence Community partners.
- Created a program of instruction using open source data to increase the analytical capabilities of the unit by 100%.
- Led a 10-person section that developed over 250 research products to support security, development, and governance efforts in Afghanistan.

Master Intelligence Analyst

CSRA, Inc. – Fairfax, VA

February 2014 – June 2016

- Led a six-person team to develop a conceptual model for understanding international terrorist connections to global financial systems.
- Programmed specific data processing tools and macros in Python and VBA to understand relationships of entities within large data sets.
- Regularly collaborated with a multi-national community including intelligence agencies, law enforcement officials, and policy makers.

Special Forces Communications & Intel Sergeant

United States Army – Various Duty Stations

October 2006 – March 2013

- Trained and led foreign military and police forces in targeting operations and the use of communication technologies during 22 months in Central Asia.

EDUCATION

Master of Information Management & Systems

University of California, Berkeley – Berkeley, CA

August 2016 – May 2018 (4.0 GPA)

Bachelor of Science in Computer Science

University of Arizona – Tucson, AZ

Graduated May 2003 (3.895 GPA)

QUALIFICATIONS

- Cross-Cultural Leadership
- Value Sensitive Design
- Qualitative Research Methods for Information Technology
- Natural Language Processing
- Information Visualization
- Web Application Development
- IoT Device Design and Development
- Program Management

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, Visual Basic

Analytic Tools: Tableau, ArcGIS, Analyst's Notebook

Databases: Neo4j, MySQL, SQLite, Access

Other: NLTK, SKLearn, XML, d3, Android Things

HONORS AND AWARDS

- Received the School of Information Fellowship, the highest award given by the UC Berkeley School of Information (2016).
- Recognized as the top senior leader in a class of 75 Special Forces soldiers and the best overall leader of the U.S. Army's Officer Candidate School in a class of 153.
- Nominated for Outstanding Senior in Computer Science (Univ. of Arizona, 2003).

LANGUAGES

English

Arabic (Intermediate fluency)

Spanish (Intermediate fluency)