David Goldstein

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246 Snelling Avenue S. St. Paul, MN 55105

EDUCATION

- **Macalester College** — Saint Paul, Minnesota
  Bachelor of Arts; Majors: Computer Science, Arabic, International Studies; GPA: 3.80 — *Sept. 2012 – May 2016*

- **American University of Sharjah** — Sharjah, UAE
  Study Abroad: Arabic and Computer Science Program — *Fall 2015*

EXPERIENCE

- **Decipher Technology Studios** — Alexandria, VA
  Software Engineer — *May 2017 - Present*
  - **Grey Matter**: Core developer on service mesh platform
  - **Covidapihub.io**: Developer and SRE for open API hosting covid-19 related data

- **Defense Intelligence Agency** — Washington, DC
  Software Engineer — *Sept. 2016 - May 2017*
  - **Brief**: Developer on platform service for Intelligence Analysts giving presentations
  - **Research**: Conduct research with faculty at the National Intelligence University on immigration of Arabic-speaking populations

- **United States Department of State** — Washington, DC
  Intern — *May 2015 - Aug. 2015*
  - **Research**: Report on migrations throughout the Middle East for the creation of US foreign policy
  - **Finance**: Oversee disbursement of US funding to NGOs in the Middle East

PROJECTS

- **LinkLanguageConnections.com**: Website drawing paths between different data sets (e.g.: Wikipedia articles, Arabic synonyms) using the Stanford Network Analysis Project and Networkx
- **Housing Hub**: Website connecting people without housing to local housing organizations and housing vouchers as part of Code for Charlottesville, VA
- **Multi-threaded Crawler**: Performant website crawler for data mining
- **Website Visit Tracker**: Geo-IP tracker of visitors to my personal website

QUALIFICATIONS

- **Top Secret-SCI**: Active government clearance
- **CSM**: Certified Scrum Master with Scrum Alliance

INTERESTS

- **Network Science**: efficiency, centrality, clustering, social networking, language mapping, other interdisciplinary networks
- **Security**: zero trust, authentication, JWT, Spiffe-Spire, circuit breaking
- **Coding for Good**: Code for America, open APIs, public data, Computer Science tutoring

SKILLS

- **Spoken Languages**: French (2/2), Arabic (2/2), Spanish (1/1), Hebrew (+/+)
- **Programming Languages**: Python, Golang, Javascript, CSS, Node/Typescript, C, C++, Bash, Java, SQL, R, Skylark, ASM
- **Technologies**: Helm, Elastic Search, Docker, Kafka, ZooKeeper, aws, gke, OpenShift, openssl, http/https, SSE, websockets, grpc, React, Angular, View.js, MongoDB, postgres/sql, Bazel, CI/CD, systemD

HOBBIES

- Trail running, choir, piano, and baking