David Goldstein

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255 Western Ave N. St. Paul, MN 55102

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**: Lead development on leading service mesh framework
  - **Covidapihub.io**: Lead a team of five to develop API hosting covid-19 related data
  - **Object Drive**: Lead a team of four developers on object-storage platform

- **Defense Intelligence Agency** — Washington, DC
  Software Engineer — *Sept. 2016 - May 2017*
  - **Brief**: Developer on platform service for Intelligence Analysts giving presentations
  - **Research**: Work with users to incorporate feedback into design process

- **National Intelligence University - School of Science and Technology** — Washington, DC
  Intern — *May 2016 - Sept. 2016*
  - **Research**: Report on scientific advancements for the creation of US foreign policy
  - **Administration**: Assist professors in management of course schedule and classroom

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.js, Typescript, C, C++, Bash, Java, SQL, GraphQL, 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