

David Goldstein

<http://www.davidcharlesgoldstein.com>

dgoldstein01@gmail.com

255 Western Ave N. St. Paul, MN 55102

EDUCATION

- **Macalester College**

Bachelor of Arts; Majors: Computer Science, Arabic, International Studies; GPA: 3.80

Saint Paul, Minnesota

Sept. 2012 – May 2016

- **American University of Sharjah**

Study Abroad: Arabic and Computer Science Program

Sharjah, UAE

Fall 2015

EXPERIENCE

- **Decipher Technology Studios**

Software Engineer

Alexandria, VA

May 2017 - Present

- **Grey Matter:** Develop end-to-end test suite with TestCafe and CircleCI

- **Covidapihub.io:** Automate testing for Dashboard hosting covid-19 related data

- **Defense Intelligence Agency**

Software Engineer

Washington, DC

Sept. 2016 - May 2017

- **Brief:** Write integration test suite for Angular frontend on Jenkins

- **Research:** Work with users to incorporate feedback into design process

- **National Intelligence University - School of Science and Technology**

Intern

Washington, DC

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/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