

David Goldstein

<http://www.DavidCharlesGoldstein.com>

DGoldstein01@gmail.com

255 Western Ave N. Saint 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

EXPERIENCE

- **Greymatter.io** Washington, DC
Lead Software Engineer May 2019 - Present
 - **Keycloak**: Plan and lead development for OIDC integration for enterprises with 1,000+ services
 - **Object Drive**: Lead a team of four developers on object-storage platform with 20,000+ users
 - **Covidapihub.io**: Lead a team of five to develop and deploy website hosting covid-19 data
- **Greymatter.io** Washington, DC
Software Engineer May 2017 - May 2019
 - **API Development**: Developed RESTful APIs used in leading service mesh framework
 - **Observability**: Develop metric system for measuring API performance in distributed environments
 - **Kubernetes**: Build, test, and deploy customer environments into AWS, Azure, and Openshift
- **Defense Intelligence Agency** Washington, DC
Software Engineer Sept. 2016 - May 2017
 - **Brief**: Develop application using Angular, RESTful APIs, and SQL database for senior military leaders
 - **Research**: Develop and perform database migrations and updates for very sensitive data
- **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

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

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**: AWS, Openshift, Azure, GKE, Helm Charts, Elastic Search, Docker, Kafka, ZooKeeper, OpenShift, openssl, internet protocols, SSE, websockets, grpc, React, Angular, View.js, MongoDB, postgres/sql, Bazel, CI/CD, systemd

HOBBIES

- Trail running, canoeing, nature, choir, piano, and baking