

DEVIN MCGLOIN

909 · 801 · 4429 ◇ devin@devinmcgloin.com
devinmcgloin.com ◇ github.com/devinmcgloin

EDUCATION

New York University

BS Computer Science, Major GPA: 3.2

May 2017

New York, NY

TECHNICAL STRENGTHS *(In order of fluency)*

Languages	Go, Python, C, Java, Latex, Racket, Haskell
Protocols & APIs	HTTP, REST, SSH
Tools	Linux, Git, Vim, Maven
Services	AWS, Heroku, GitHub, Travis CI
Databases	MongoDB, MySQL, Redis

PROJECTS

Sprioc

sprioc.xyz

June 2016 - Present

API Design, Golang, Data Modeling

- Designed hypermedia API for image uploading, tagging and various other social graph operations.
- Implemented API spec from the ground up using Go, Mongo and Redis with an extensible permission model.
- Integrated with various computer vision and geolocation services in order make better use of photo metadata.
- Created query validation system for advanced searching with simple filters as well as complex geographic searches.

Advent

devinmcgloin.com/advent

May 2015 - June 2016

Webservices, HTTP, Cloud Computing

- Created Advent, a port of the classic terminal game Colossal Cave Adventure to Facebook Messenger.
- Developed a wrapper of the smooch.io messaging API and released it under the MIT License.

AIR

devinmcgloin.com/AIR

November 2014 - December 2015

Knowledge Representation, API design, Performance Profiling

- Designed AIR, a knowledge representation system that models actions and content in the world.
- Implemented a simple prototype of the system that handles plurality, ownership, inheritance and type classes.

EXPERIENCE & AWARDS

Union Realtime

Intern

August 2016 - Present

New York, NY

- Created means for inspecting the validity of individual datums across the entire database.
- Took ownership and refactored core code base for simpler extensibility and better error detection.
- Investigated and resolved data integrity errors, resulting in more accurate data for clients.

Boy Scouts of America

Eagle Scout

October 2009 - May 2013

Redlands, CA

- Organized and completed a service project consisting of over 600 volunteer hours and donations of \$4,000.

INTERESTS

Distributed Systems, Programming Languages, Backpacking, Photography