

DEVIN MCGLOIN

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EDUCATION

New York University
BS Computer Science

May 2017
New York, NY

PROJECTS

Fokal
fok.al

June 2016 - Present
API Design, Golang, Web design

- Designed hypermedia API for image uploading, tagging and various other social graph operations.
- Implemented API spec from the ground up using Go, PostgreSQL and Redis with an extensible permission model.
- Integrated with various computer vision and geo-location services in order make better use of image metadata.
- Designed and implemented mobile first web interface to API functionality using React, ES6 and Webpack.

Advent
devinmcgloin.com/advent

May 2016 - June 2016
Webservices, HTTP, Cloud Computing

- Created Advent, a port of the classic terminal game Colossal Cave Adventure to Facebook Messenger and Telegram.
- 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 - December 2016
New York, NY

- Took ownership and refactored core code base to make it more extensible
- Investigated and resolved data integrity errors, resulting in more accurate data for clients.

REI
Salesperson

November 2013 - Dec 2015
New York, NY

- Assisted customers with technical expertise regarding an array of outdoor products.

Classic Car Club Manhattan
Intern

September 2013 - May 2014
New York, NY

- Learned the foundations of system troubleshooting, preventative maintenance as well as organizing a shop overhaul.

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.

TECHNICAL SKILLS *(In order of fluency)*

Languages	Go, Python, C, Java, Latex, Racket, Haskell
Tools	Linux, Git, Vim, Maven
Services	AWS, Heroku, GitHub, Travis CI
Databases	MySQL, PostgreSQL, Redis, ElasticSearch

INTERESTS

Programming Languages, Backpacking, Photography, Design, Visited 35 US States & 6 Canadian Provinces