DEVIN MCGLOIN

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EDUCATION

New York University	May 2017
BS Computer Science	*New York, NY*

TECHNICAL STRENGTHS *(In order of fluency)*

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

PROJECTS

Sprioc — June 2016 - Present
sprioc.xyz — *API design, Golang, Data Modeling, Web Design*

· Implemented core backend services for photosharing functionality with image storage in AWS S3 and image metadata stored in mongoDB.
· Created query validation system for advanced searching with simple filters as well as more complex geographic searches.

Advent — May 2015 - June 2016
devinmcgloin.com/advent — *WebServices, HTTP. Cloud Computing*

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

AIR — November 2014 - December 2015
devinmcgloin.com/AIR — *Knowledge Representation, API design, Performance Profiling*

· Designed AIR, a knowledge representation system that models content about the world in a universal manner.

EXPERIENCE

Union Realtime — August 2016 - Present
Intern — *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.

REI — November 2013 - Dec 2015
Salesperson — *New York, NY*

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

Boy Scouts of America — October 2009 - May 2013
Eagle Scout — *Redlands, CA*

· Organized and completed a service project consisting of over 600 volunteer hours and donations of $4,000.
· Procured donations from private and corporate donors including Esri, Home Depot, Hines and Scotts.

INTERESTS

Backpacking, Photography, Distributed Systems, Programming Languages