

# DEVIN MCGLOIN

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## EDUCATION

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New York University  
BS Computer Science

May 2017  
New York, NY

## TECHNICAL STRENGTHS *(In order of fluency)*

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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

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**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

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**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

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Backpacking, Photography, Distributed Systems, Programming Languages