

DEVIN MCGLOIN

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EDUCATION

New York University
BS Computer Science

May 2017
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 <i>sprioc.xyz</i>	June 2016 - Present <i>API Design, Golang, Data Modeling, Web Design</i>
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- 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 <i>devinmcgloin.com/advent</i>	May 2015 - June 2016 <i>Webservices, HTTP, Cloud Computing</i>
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- Created Advent, a port of the classic terminal game Colossal Cave Adventure to Facebook Messenger.
- Developed a wrapper of the smooch.io API and released it under the MIT License.

AIR <i>devinmcgloin.com/AIR</i>	November 2014 - December 2015 <i>Knowledge Representation, API design, Performance Profiling</i>
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- Designed AIR, a knowledge representation system that models content about the world in a universal manner.

EXPERIENCE

Union Realtime <i>Intern</i>	August 2016 - Present <i>New York, NY</i>
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- 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 <i>Salesperson</i>	November 2013 - Dec 2015 <i>New York, NY</i>
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- Assisted customers with technical expertise regarding an array of outdoor products.

Boy Scouts of America <i>Eagle Scout</i>	October 2009 - May 2013 <i>Redlands, CA</i>
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- 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