

# Conor Reedy

*Principled Software Engineer*

Phone: 7164640300

Address: 234 Knowlton Ave Kenmore NY,  
14223

Email: [ofrequisiteessence@gmail.com](mailto:ofrequisiteessence@gmail.com)

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Thanks for taking the time to look through my application. As an engineer, it's extremely hard to stand out on paper. It is my hope that I have prepared and presented information in a concise and practical way. A brief overview of my career is presented in the resume section.

I know hiring within the fields of technology can be an arduous process. It is my responsibility to showcase my talents even though I don't enjoy speaking about myself. Here is my attempt at doing so.

I am a non-traditional engineer in that I did not graduate with a degree in computer science. Through my curiosity and stubbornness, I have learned a great deal about the technology landscape we currently surround ourselves with. I have found a great passion for the mastery of software. But, however exciting it might be to learn a new thing for me there is always a danger when dealing with new ideas. New ideas when improperly understood can be harmful if not catastrophic. This is the very reason I am applying today! I'm seeking a company where passionate people are thinking and working together for the strength of the company and of their own skills. I look forward to hearing from you.

Sincerely,

Conor Reedy

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Through my career, I've gotten the change to work with a lot of technologies. Developing with a variety of focus areas; UI/UX front-end development, information architecture, database performance, and server side I am able to adapt to any technology I desire to use. After hours upon hours of work that I've found the tools that truly feel are best suited to my abilities. I'm looking for the chance to think, work, and share with other experienced and passionate developers.

## Experience

### Geezeo

OCTOBER 2014 - PRESENT

#### Engineer

First hired as a Ruby on Rails developer I was seeking to improve my programming skills by working on an application that serves and process large amounts of data.

While working on the application we started working with the idea that we would be able to benefit from using the microservice architecture. The reasoning was 2 fold; 1 the Rails application is now over 10 years old with an ever-increasing amount of technical debt and secondly the quantity of data to process was becoming too inefficient for Ruby based on our current stack. We chose Scala as the language that would process backend data. We began to use AWS services more extensively adding DynamoDB, Kinesis, Redshift, and Spark to become our ideal stack for dealing with such large amounts of data. It was here that I led and worked alongside the rest of the team to build an updated ETL that would be able to satisfy the growth of our company for the next 10 years or more.

During my Scala endeavors, I have gotten the change to see and talk about many new ideas. The most prominent has been the addition of functional programming to my tool belt. While I still consider myself very much at the beginning of the road of my functional programming journey I know it will surely be a watershed moment in my career.

### Roswell Park Cancer Institute

SEPTEMBER 2013 - OCTOBER  
2014 (1 YEAR 2 MONTHS)

#### Systems Analyst/ Programmer

Focused on writing a highly available laboratory management system for storing and distributing cancer research data. This application was built on a real-time ETL that lab techs and doctors would use to bring in data from various sources. Often times this system would have to connect to multiple disparate systems to aggregate the appropriate data.

### Development Engineer at Academic Software Plus

SEPTEMBER 2011 -  
SEPTEMBER 2013 (2 YEARS 1  
MONTH)

#### Developer

During my years at ASP, I was in charge of writing and maintaining a variety of Rails applications. This was my first experience at a true software development company. It was here that I was introduced to software engineering as a discipline. It was here where I first learned about team management, code quality, release cycles. These years were the foundation for my career and allowed me to learn and grow in so many new ways.

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## Web Developer at Smart Squad Design— The Advantage Company

JUNE 2010 - MAY 2011 (1  
YEAR)

Web Designer / Html Guy

Here I was tasked with taking mockups, wireframes, and designs from my fellow team members and bringing them to the web. We primarily used asset heavy, uncompressed images and other resources. The company was quite small with local traffic only.

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### Education

## University at Buffalo

2003 - 2009

Bachelor of Applied Science (BASc), Informatics,  
Rochester Institute of Technology

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### Skills

languages: Haskell, Scala, Java, Ruby

frameworks: Play, Rails

tools: Akka, Akka-streams, Slick, Spark, Aws Lambda

databases: Postgres, Mysql, Dynamodb

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