

Kevin Qiu

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74 St Nicholas Ave Apt. 2L
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Polyglot generalist engineer interested in functional programming and improving society

Experience

Arena.io

Engineer II

New York, NY
August 2016 - Present

- Design and implement new client API integrations + ETL pipelines in OCaml
- Extend machine learning pipelines(python + pandas) to support core predictive analytics product
- Support and add new features to core client facing legacy applications(C# + .Net), in the process expanding team knowledge and increasing ownership of systems predating current engineering team

Listenfirst Media

Full Stack Engineer

New York, NY
July 2015 - August 2016

- Implement new features for front end SPA (Backbone + Coffeescript) and new API routes (Go + Rails) to service them
- Extend logic of existing ETL processes (Go + SQL) and perform aggregations in data warehouse (Redshift)

Xamarin

Release Engineering Intern

Boston, MA
June 2014 - August 2014

- Design and implement prototype of release and update server (node.js + react.js)

Non Professional Work

Bushwick Food Coop - Technology Committee Co-Chair/Member

Aug 2015 - Present

Organize and provide technical leadership to committee. Build + maintain technology initiatives (owner database, data integrations, data analysis) in collaboration with other committees

Education

Vassar College

Computer Science

Poughkeepsie, NY
May 2015

- Co-president of Vassar Outing Club

Skills + Technologies

- Languages - Experienced with: OCaml, Python, JS - Familiar with: Scheme, C#, Go, Ruby
- Relational and Non-relational databases - Experienced with: PostgreSQL - Familiar with: DynamoDB, Redshift, SQL Server
- Web front end - React.js, Modern CSS
- Web back end - MVC Frameworks(Rails, .NET), Lightweight servers(Flask, Sinatra)